

State of California  
The Resources Agency

DEPARTMENT OF WATER RESOURCES  
Division of Operations and Maintenance

# STATE WATER PROJECT OPERATIONS DATA

For the month of:

**May  
2007**

**Edmund G. Brown Jr.**  
Governor  
State of California

**John Laird**  
Secretary for Resources  
**The Resources Agency**

**Mark Cowin**  
Director  
**Department of Water Resources**

This monthly report of operational data for the State Water Project has been published since January 1965. Monthly SWP Operations Data Reports from January 1990 have been made available on the Internet at <http://www.water.ca.gov/swp/operationscontrol/projectwide.cfm>. It provides the State Water Service Contractors, public agencies, consultants and others with the daily and monthly status of the Project's water and power operations.

Revisions to these data will appear in the Annual Report of Operations reflecting corrections made after the monthly summaries have been printed.

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**JOHN LAIRD, Secretary for Resources**

Department of Water Resources  
**MARK COWIN, Director**

Department of Water Resources  
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The organization shown above represents staff and positions relevant to this report as of publication date on December 2011. It is the Department's policy to not show staff in "Acting" or "Temporary" positions.

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## **MONTHLY HIGHLIGHTS**

The following highlights are activities or actions that impacted State Water Project operations during the month of May 2007.

Statewide precipitation was about 65 percent of average for the 2006-2007 water year through May. Statewide runoff was 55 percent of average for the water year. Precipitation percentages are used in this report to express historical and regional comparisons. Additional and more specific information is available via the internet at: "[http://cdec.water.ca.gov/snow\\_rain.html](http://cdec.water.ca.gov/snow_rain.html)".

Total storage in major SWP reservoirs at the end of May 2007 was about 4.18 maf, compared with about 5.11 maf at this time in 2006. On May 31, 2007, storage at Lake Oroville was about 2.97 maf as compared to 3.48 maf at this time in 2006. The State's share of San Luis Reservoir storage was about 0.597 maf, as compared with 1.003 maf at this time in 2006. The combined storage in SWP's southern reservoirs was about 613 taf, compared with about 625 taf at this time in 2006.

Snowpack and runoff data is not available this month. This data is compiled four times a year, for the months of January, February, March, and April by the California Department of Water Resources in Bulletin 120. The Bulletin also contains forecasts of the volume of seasonal runoff from the state's major watersheds, and summaries of precipitation, reservoir storages in various regions of the State.

SWP water deliveries for May 2007 were about 489 taf. This is a combination of project, transfer, and exchange waters. Total deliveries for the year through May was about 1.87 maf, this is about 325 taf more than that delivered during the same period in 2006.

The Coordinated Operations Agreement (COA) remained in "Excess" condition with suspended accounting throughout the month of May 2007. The end-of-month accumulated USBR-COA balance was 2490 cfs, reflecting a surplus in USBR storage withdrawals available to meet the USBR's share of Sacramento Valley In-Basin Use.

On May 8, Pearblossom Pumping Plant's west gantry crane pulley broke from the cable and pulley and settled at the bottom of the Forebay in front of Unit 9. Unit 9 was cleaned at the time but a large amount of algae/moss remained on the trash rack. The East Gantry Crane was made ready and completed the cleaning of the trash racks of running units. Preparations were made for a dive to retrieve the equipment from the Forebay with all units at Pearblossom shut down.

**Table 1. Antelope Lake**

Daily Operation  
(in acre-feet except as noted)

Capacity: 22,566 ac-ft

**May 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage		
				Stream-flow Maint.	Water Supply Contract	Water Right				
Apr 30	5002.55	23,078								
1	5002.53	23,059	-19	5	0	0	50	5	60	
2	5002.56	23,088	29	5	0	0	54	5	64	
3	5002.56	23,088	0	5	0	0	54	5	64	
4	5002.56	23,088	0	5	0	0	54	5	64	
5	5002.53	23,059	-29	5	0	0	50	5	60	
6	5002.49	23,022	-37	5	0	0	44	5	54	
7	5002.48	23,012	-10	5	0	0	42	5	52	
8	5002.44	22,975	-37	5	0	0	37	5	47	
9	5002.41	22,947	-28	5	0	0	33	5	43	
10	5002.39	22,928	-19	5	0	0	30	5	40	
11	5002.37	22,909	-19	5	0	0	28	5	38	
12	5002.35	22,890	-19	5	0	0	26	5	36	
13	5002.34	22,881	-9	5	0	0	24	5	34	
14	5002.34	22,862	-19	5	0	0	22	5	32	
15	5002.30	22,844	-18	5	0	0	20	5	30	
16	5002.28	22,825	-19	5	0	0	18	5	28	
17	5002.26	22,806	-19	5	0	0	16	5	26	
18	5002.25	22,797	-9	5	0	0	15	5	25	
19	5002.24	22,788	-9	5	0	0	14	5	24	
20	5002.22	22,769	-19	5	0	0	12	5	22	
21	5002.20	22,750	-19	5	0	0	10	5	20	
22	5002.19	22,741	-9	5	0	0	10	5	20	
23	5002.18	22,732	-9	5	0	0	9	5	19	
24	5002.17	22,722	-10	5	0	0	8	5	18	
25	5002.16	22,713	-9	5	0	0	7	5	17	
26	5002.16	22,713	0	5	0	0	7	5	17	
27	5002.14	22,694	-19	5	0	0	6	5	16	
28	5002.13	22,685	-9	5	0	0	5	4	14	
29	5002.14	22,694	9	5	0	0	5	4	14	
30	5002.13	22,685	-9	5	0	0	5	4	14	
31	5002.12	22,676	-9	5	0	0	5	4	14	
Total cfs-days				---	155	0	0	720	151	
Total ac-ft				-402	307	0	0	1,428	299	
									1,025	
									823	
									2,034	
									1,632	

**Table 2. Frenchman Lake**

Daily Operation  
(in acre-feet except as noted)

Capacity: 55,477 ac-ft

**May 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage		
				Stream-flow Maint.	Water Supply Contract 1/	Water Right				
Apr 30	5581.49	45,779								
1	5581.48	45,765	-14	2	2	0	0	8	12	
2	5581.49	45,779	14	2	2	0	0	8	12	
3	5581.50	45,793	14	2	2	0	0	8	12	
4	5581.51	45,807	14	2	2	0	0	8	12	
5	5581.49	45,779	-28	2	2	0	0	8	12	
6	5581.49	45,779	0	2	2	0	0	8	12	
7	5584.47	45,751	-28	1	19	0	0	8	28	
8	5581.41	45,667	-84	0	34	0	0	8	42	
9	5581.36	45,597	-70	0	34	0	0	8	42	
10	5581.33	45,556	-41	0	34	0	0	8	42	
11	5581.26	45,457	-99	0	41	0	0	8	49	
12	5581.18	45,345	-112	0	43	0	0	7	50	
13	5581.12	45,261	-84	0	43	0	0	7	50	
14	5581.04	45,150	-111	0	59	0	0	7	66	
15	5580.92	44,983	-167	0	70	0	0	7	77	
16	5580.80	44,816	-167	0	77	0	0	7	84	
17	5580.68	44,650	-166	0	75	0	0	7	82	
18	5580.55	44,470	-180	0	78	0	0	7	85	
19	5580.42	44,291	-179	0	83	0	0	7	90	
20	5580.29	44,112	-179	0	83	0	0	7	90	
21	5580.12	43,879	-233	0	103	0	0	7	110	
22	5579.93	43,619	-260	0	109	0	0	7	116	
23	5579.76	43,387	-232	0	101	0	0	7	108	
24	5579.60	43,170	-217	0	105	0	0	7	112	
25	5579.46	42,981	-189	0	76	0	0	7	83	
26	5579.38	42,873	-108	0	57	0	0	7	64	
27	5579.29	42,752	-121	0	57	0	0	7	64	
28	5579.19	42,617	-135	0	57	0	0	7	64	
29	5579.13	42,537	-80	0	80	0	0	7	87	
30	5579.00	42,362	-175	0	85	0	0	7	92	
31	5578.81	42,109	-253	0	63	0	0	7	70	
Total cfs-days				---	13	1,678	0	0	228	
Total ac-ft				-3,670	26	3,328	0	0	452	
									1,919	
									69	
									3,806	
									136	

1/ Last Chance Creek Water District

**Table 3. Lake Davis**

Daily Operation  
(in acre-feet except as noted)

Capacity: 84,371 ac-ft

**May 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage		
				Stream-flow Maint.	Water Supply Contract	Water Right 1/				
Apr 30	5765.82	51,764								
1	5765.78	51,642	-122	15	0	0.4	0	17	32	
2	5765.86	51,887	245	10	0	0.4	0	17	27	
3	5765.86	51,887	0	10	0	0.4	0	17	27	
4	5765.88	51,949	62	10	0	0.4	0	17	27	
5	5765.86	51,887	-62	10	0	0.4	0	17	27	
6	5765.83	51,795	-92	10	0	0.4	0	17	27	
7	5765.82	51,764	-31	10	0	0.4	0	17	27	
8	5765.80	51,703	-61	10	0	0.4	0	17	27	
9	5765.78	51,642	-61	10	0	0.4	0	17	27	
10	5765.76	51,581	-61	10	0	0.4	0	17	27	
11	5765.74	51,520	-61	10	0	0.4	0	16	26	
12	5765.73	51,489	-31	10	0	0.4	0	16	26	
13	5765.72	51,459	-30	10	0	0.4	0	16	26	
14	5765.70	51,397	-62	10	0	0.4	0	16	26	
15	5765.68	51,337	-60	10	0	0.4	0	16	26	
16	5765.66	51,276	-61	10	0	0.4	0	16	26	
17	5765.64	51,215	-61	10	0	0.4	0	16	26	
18	5765.62	51,154	-61	10	0	0.4	0	16	26	
19	5765.60	51,093	-61	10	0	0.4	0	16	26	
20	5765.58	51,032	-61	10	0	0.4	0	16	26	
21	5765.57	51,002	-30	10	0	0.4	0	16	26	
22	5765.53	50,880	-122	10	0	0.4	0	16	26	
23	5765.51	50,820	-60	10	0	0.4	0	16	26	
24	5765.48	50,729	-91	10	0	0.4	0	16	26	
25	5765.52	50,850	121	10	0	0.4	0	16	26	
26	5765.50	50,789	-61	10	0	0.4	0	16	26	
27	5765.48	50,729	-60	10	0	0.4	0	16	26	
28	5765.47	50,699	-30	10	0	0.4	0	16	26	
29	5765.45	50,638	-61	10	0	0.4	0	16	26	
30	5765.47	50,699	61	10	0	0.4	0	16	26	
31	5765.40	50,487	-212	23	0	0.4	0	16	39	
Total cfs-days				---	316	0	12	0	506	
Total ac-ft				-1,277	626	0	25	0	1,004	
									1,654	
									377	

1/ Includes unclassified non-project diversions to local agencies (Valberti and Romelli)

**Table 4. Lake Oroville**

Daily Operation

(in acre-feet except as noted)

Capacity: 3,537,580 ac-ft

**May 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow							Inflow	
				Hyatt Powerplant Generation 1/	Palermo Canal 2/	Lime Saddle Marina	Butte County Del Oro	Evaporation 3/	Spill	Total Outflow	Hyatt Powerplant Pumpback	Computed Inflow 4/
Apr 30	869.44	3,077,726										
	1	869.71	3,081,591	3,865	3,587	0	0	0	214	0	3,801	0
	2	869.74	3,082,020	429	8,680	8	0	0	173	0	8,861	0
	3	870.09	3,087,036	5,016	5,684	12	0	0	102	0	5,798	0
	4	869.99	3,085,602	-1,434	8,945	12	0	0	110	0	9,067	0
	5	870.06	3,086,606	1,004	5,999	12	0	0	134	0	6,145	0
	6	870.23	3,089,044	2,438	4,204	12	0	0	252	0	4,468	0
	7	869.42	3,077,440	-11,604	16,414	12	0	0	276	0	16,702	0
	8	869.01	3,071,578	-5,862	13,527	18	0	0	299	0	13,844	0
	9	868.48	3,064,013	-7,565	12,090	20	0	0	283	0	12,393	0
	10	868.20	3,060,021	-3,992	11,214	20	0	0	313	0	11,547	0
	11	867.91	3,055,891	-4,130	9,376	20	0	0	258	0	9,654	0
	12	867.83	3,054,752	-1,139	6,188	20	0	0	234	0	6,442	0
	13	867.82	3,054,610	-142	5,398	20	0	0	203	0	5,621	0
	14	867.39	3,048,494	-6,116	9,782	20	0	0	274	0	10,076	0
	15	866.98	3,042,672	-5,822	10,860	24	0	0	273	0	11,157	0
	16	866.46	3,035,298	-7,374	10,209	24	0	0	257	0	10,490	0
	17	865.85	3,026,665	-8,633	12,550	24	0	0	225	0	12,799	0
	18	865.14	3,016,637	-10,028	15,537	24	0	0	209	0	15,770	0
	19	864.58	3,008,745	-7,892	10,239	24	0	0	217	0	10,480	0
	20	864.23	3,003,820	-4,925	7,969	24	0	0	193	0	8,186	0
	21	863.86	2,998,620	-5,200	9,244	26	0	0	224	0	9,494	0
	22	863.61	2,995,110	-3,510	8,976	28	0	0	385	0	9,389	0
	23	863.23	2,989,780	-5,330	7,004	28	0	0	440	0	7,472	0
	24	863.00	2,986,557	-3,223	7,744	28	0	0	369	0	8,141	0
	25	862.65	2,981,657	-4,900	8,511	28	0	0	323	0	8,862	0
	26	862.50	2,979,559	-2,098	6,127	28	0	0	269	0	6,424	0
	27	862.26	2,976,205	-3,354	7,726	28	0	0	261	0	8,015	0
	28	861.98	2,972,294	-3,911	6,803	28	1	0	261	0	7,093	0
	29	861.58	2,966,714	-5,580	8,344	30	1	0	307	0	8,682	0
	30	861.62	2,967,272	558	5,412	30	1	0	283	0	5,726	0
	31	861.46	2,965,041	-2,231	6,130	30	1	1	229	0	6,391	0
Total				-112,685	270,473	655	4	1	7,850	0	278,983	0
1/ Includes bypass flows												
2/ South Feather Water and Power Agency												
3/ Evaporation will be zero for days when there is precipitation or heavy overcast.												
4/ Does not include pumpback.												

**Table 5. Thermalito Forebay  
Including Diversion Pool and Power Canal**

Capacity: 25,120 ac-ft

Daily Operation  
(in acre-feet except as noted)

**May 2007**

Date	Storage 1/	Storage Change	Inflow			Outflow					Losses (-) And Gains (+)
			Lake Oroville Releases 2/	Kelly Ridge Generation	Thermalito Pumping- Generating Plant Pumpback	Thermalito Pumping- Generating Plant Generation 3/	Butte County Cal Water	Thermalito Irrigation District	Releases To River 4/	Hyatt Powerplant Pumpback	
Apr 30	23,863										
1	24,121	258	3,587	359	0	2,448	2	6	1,293	0	61
2	23,842	-279	8,680	321	0	8,094	3	6	1,303	0	126
3	23,835	-7	5,684	320	0	4,854	3	6	1,303	0	155
4	22,813	-1,022	8,945	250	0	9,000	3	6	1,303	0	95
5	20,943	-1,870	5,999	498	0	7,120	3	6	1,283	0	45
6	24,083	3,140	4,204	246	0	0	3	6	1,291	0	-10
7	23,683	-400	16,414	288	0	16,018	3	6	1,289	0	214
8	23,535	-148	13,527	250	0	12,884	3	6	1,325	0	293
9	23,773	238	12,090	414	0	11,348	3	6	1,386	0	477
10	23,365	-408	11,214	514	0	10,798	3	6	1,460	0	131
11	23,640	275	9,376	513	0	8,284	3	6	1,418	0	97
12	24,010	370	6,188	513	0	5,026	3	6	1,426	0	130
13	24,084	74	5,398	512	0	4,544	3	6	1,418	0	135
14	23,226	-858	9,782	496	0	9,856	3	6	1,416	0	145
15	23,953	727	10,860	428	0	9,520	3	6	1,412	0	380
16	24,039	86	10,209	512	0	9,418	3	6	1,420	0	212
17	23,660	-379	12,550	443	0	11,972	3	6	1,420	0	29
18	23,994	334	15,537	510	0	14,190	3	6	1,420	0	-94
19	23,701	-293	10,239	459	0	9,819	3	6	1,416	0	253
20	23,811	110	7,969	383	0	7,051	3	6	1,416	0	234
21	23,757	-54	9,244	513	0	8,249	3	7	1,414	0	-138
22	23,868	111	8,976	457	0	8,016	3	7	1,416	0	120
23	23,690	-178	7,004	495	0	6,320	3	7	1,418	0	71
24	23,849	159	7,744	381	0	6,174	3	7	1,444	0	-338
25	23,803	-46	8,511	510	0	7,805	3	7	1,450	0	198
26	23,749	-54	6,127	445	0	4,665	3	7	1,408	0	-543
27	23,537	-212	7,726	513	0	6,675	3	7	1,370	0	-396
28	23,794	257	6,803	513	0	5,547	3	7	1,363	0	-139
29	24,020	226	8,344	503	0	6,966	3	7	1,351	0	-294
30	24,044	24	5,412	505	0	4,662	3	7	1,313	0	92
31	23,669	-375	6,130	432	0	5,490	3	7	1,428	0	-9
Total		-194	270,473	13,496	0	242,813	92	197	42,793	0	1,732

1/ Sum of Thermalito Forebay and Diversion Pool.

3/ Includes Bypass flows at Thermalito.

2/ Sum of releases from Lake Oroville through Hyatt plant, and spill.

4/ The sum of the flows from fish barrier dam and the fish hatchery.

**Table 6. Thermalito Afterbay**

Daily Operation

(in acre-feet except as noted)

Capacity: 57,040 ac-ft

**May 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow					Losses (-) and Gains (+)	Total Releases to River 2/
				Thermalito Pumping-Generating Plant Generation 1/	Sutter Butte Canal	Western Canal Lateral	Richvale Canal	Western Canal	Afterbay River Outlet	Thermalito Pumping-Generating Plant Pumpback		
Apr 30	134.49	48,671										
1	133.25	43,797	-4,874	2,448	3,050	18	500	1,410	2,241	0	-103	3,534
2	133.26	43,836	39	8,094	3,250	20	651	1,480	2,261	0	-393	3,564
3	132.52	41,036	-2,800	4,854	3,170	22	600	1,462	2,261	0	-139	3,564
4	132.82	42,160	1,124	9,000	3,170	18	585	1,462	2,261	0	-380	3,564
5	132.70	41,709	-451	7,120	3,130	13	700	1,462	2,261	0	-5	3,544
6	130.63	34,277	-7,432	0	3,070	34	400	1,527	2,261	0	-140	3,552
7	132.81	42,123	7,846	16,018	3,055	46	460	1,803	2,261	0	-547	3,550
8	133.90	46,326	4,203	12,884	3,134	42	651	2,083	2,261	0	-510	3,586
9	134.47	48,590	2,264	11,348	3,293	42	778	2,301	2,261	0	-409	3,647
10	134.82	50,005	1,415	10,798	3,531	42	881	2,380	2,261	0	-288	3,721
11	134.56	48,952	-1,053	8,284	3,630	32	900	2,380	2,261	0	-134	3,679
12	133.36	44,220	-4,732	5,026	3,769	18	900	2,380	2,241	0	-450	3,667
13	132.03	39,229	-4,991	4,544	3,788	16	900	2,360	2,261	0	-210	3,679
14	132.04	39,266	37	9,856	3,828	20	893	2,360	2,261	0	-457	3,677
15	132.06	39,339	73	9,520	3,828	20	800	2,380	2,261	0	-158	3,673
16	132.06	39,339	0	9,418	3,709	20	789	2,380	2,261	0	-259	3,681
17	132.74	41,859	2,520	11,972	3,590	24	800	2,380	2,261	0	-397	3,681
18	134.12	47,195	5,336	14,190	3,550	24	800	2,321	2,261	0	102	3,681
19	134.27	47,791	596	9,819	3,392	24	800	2,222	2,261	0	-525	3,677
20	133.79	45,893	-1,898	7,051	3,332	42	800	1,964	2,261	0	-550	3,677
21	133.75	45,736	-157	8,249	3,233	54	789	1,829	2,261	0	-240	3,675
22	133.67	45,424	-312	8,016	3,174	52	694	1,795	2,261	0	-352	3,677
23	133.24	43,759	-1,665	6,320	3,134	50	600	1,839	2,261	0	-101	3,679
24	132.78	42,010	-1,749	6,174	3,094	36	600	1,978	2,261	0	46	3,705
25	132.63	41,446	-564	7,805	3,134	26	700	2,142	2,241	0	-126	3,691
26	131.77	38,286	-3,160	4,665	3,134	20	760	2,202	2,261	0	552	3,669
27	131.31	36,643	-1,643	6,675	3,094	17	760	2,083	2,241	0	-123	3,611
28	130.53	33,936	-2,707	5,547	3,074	17	710	2,063	2,261	0	-129	3,624
29	130.36	33,358	-578	6,966	3,134	17	600	2,003	2,241	0	451	3,592
30	129.30	29,865	-3,493	4,662	3,154	19	569	1,900	2,261	0	-252	3,574
31	128.45	27,196	-2,669	5,490	3,174	16	610	1,849	2,241	0	-269	3,669
Total		-21,475		242,813	102,800	861	21,980	62,180	69,971	0	-6,496	112,764

1/ Includes Bypass flows at Thermalito.

2/ The sum of the flows from the fish barrier dam, fish hatchery, and afterbay river outlet.

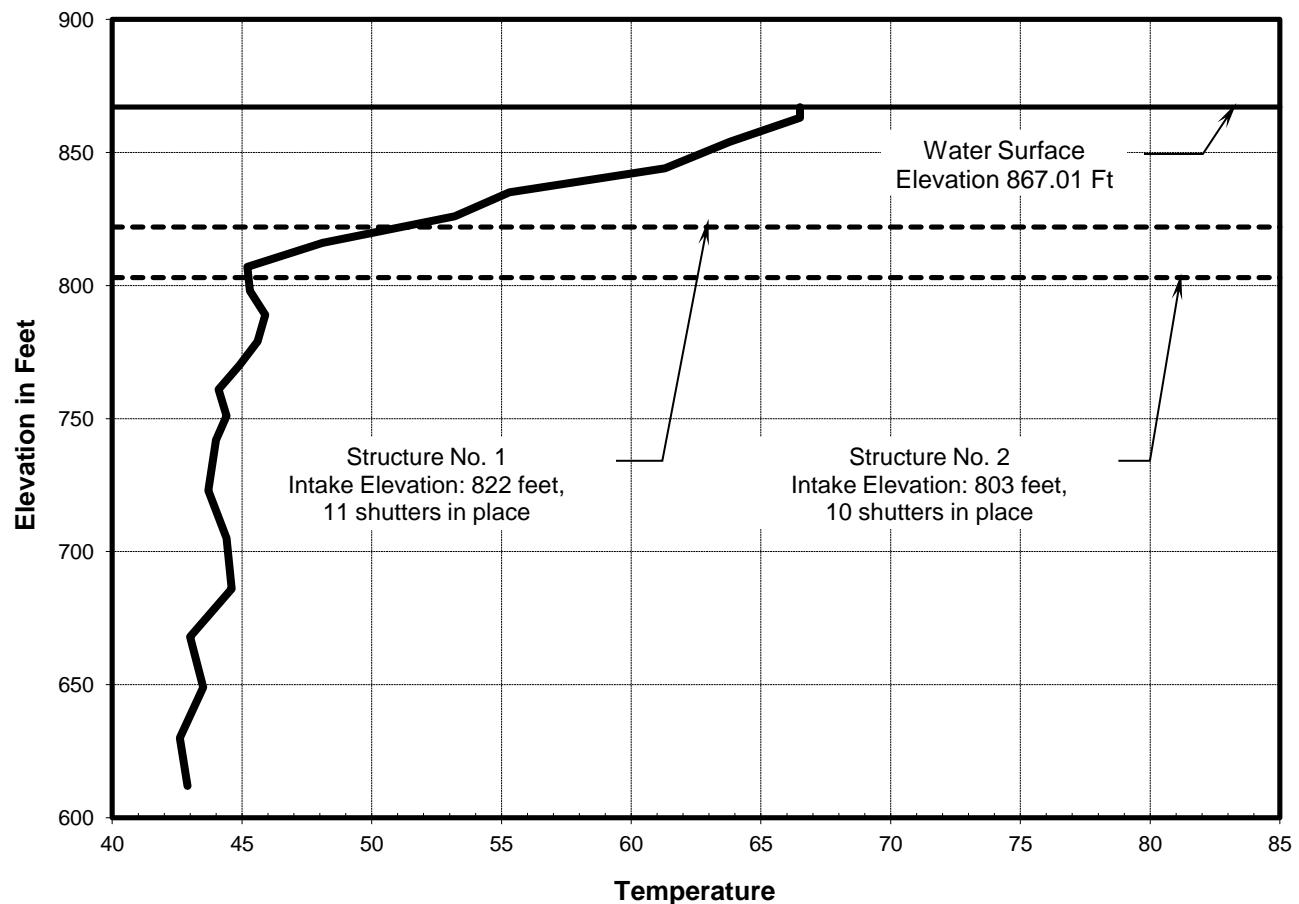
**Table 7. Oroville-Thermalito Complex**

Water Temperature Data

(in degrees Fahrenheit)

**May 2007**

Date	Mean Daily Temperature	
	Thermalito Afterbay Outlet	Fish Hatchery
1	62	54
2	62	53
3	61	52
4	62	52
5	62	53
6	62	54
7	64	55
8	63	55
9	63	55
10	62	54
11	63	54
12	62	54
13	65	54
14	65	54
15	65	54
16	65	54
17	64	55
18	64	55
19	63	56
20	64	55
21	67	56
22	64	56
23	64	56
24	65	55
25	65	54
26	65	54
27	65	54
28	69	53
29	69	54
30	68	54
31	69	54

**Lake Oroville Temperature Profile  
on May 16, 2007**

Note: Water surface elevations on Table 4 are taken at Oroville Dam at midnight and may differ slightly from those shown on this table which are normally taken at mid-day and upstream from Oroville Dam.

**Table 8. North Bay Aqueduct**  
Delta Field Division, Monthly Deliveries

(In acre-feet)

**May 2007**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries				
	Beginning and Ending		Structure			Table A		Permit	Article 21	
	No.	Structure	Mile	Benicia		Vallejo				
1	1	Barker Slough Pumping Plant	0.17	(Into the North Bay Aqueduct)	6,149	137	1/ 22	100	166 374 2,129	
		Travis Surge Tank	8.78							
			8.80	Solano County Water Agency Travis AFB	303					
			10.54	Solano County Water Agency Fairfield / Vacaville 24"	374					
				Solano County Water Agency Fairfield / Vacaville 42"	2,129					
			17.00	Solano County Water Agency Central Solano	Stub					
3A	2	Cordelia Forebay	21.23			43	123	764 1,103 7 825 309	7 1,103 7 825 309	
		Cordelia Pumping Plant & Cordelia Spillway	21.30		3,296					
		Napa Pipeline	21.33	Solano County Water Agency Vallejo	886					
				Solano County Water Agency Benicia	1,146					
		Cordelia Surge Tank	23.33							
		Creston Surge Tank Connection	25.65							
3B	2		26.95	Napa County Flood Control & WCD American Canyon 2	7	123			7 825 309	
			27.27	Napa County Flood Control & WCD American Canyon 3	0					
		Napa Terminal Tank	27.58	City of Napa	948					
			27.60	Napa County Flood Control & WCD American Canyon 1	309					

1/ Napa Co. FC&WCD entitlement through Solano Co.'s turnout (Reach 3A) for delivery to American Canyon.

**Table 9. Delta Field Division Plant Data**

(in acre-feet)

**May 2007**

Date	North Bay Aqueduct		California Aqueduct		South Bay Aqueduct			
	Barker Slough Pumping Plant	Cordelia Pumping Plant	Banks Pumping Plant		South Bay Pumping Plant	Del Valle Pumping Plant		
			Total	SWP		Into Lake	Into Aqueduct	Gravity Flow Through Plant Into Aqueduct
1	178	100	1,054	1,054	606	189	0	0
2	153	82	1,730	1,730	595	188	0	0
3	167	95	1,342	1,342	594	188	0	0
4	172	105	1,340	1,340	606	188	0	0
5	168	101	1,339	1,339	598	179	0	0
6	160	82	1,335	1,335	585	163	0	0
7	189	107	1,347	1,347	571	145	0	0
8	199	104	1,146	1,146	425	14	0	0
9	226	123	1,293	1,293	473	0	0	0
10	219	124	1,056	1,056	544	63	0	0
11	209	112	1,067	1,067	606	198	0	0
12	175	89	1,052	1,052	606	196	0	0
13	174	87	1,560	1,560	606	184	0	0
14	169	87	1,312	1,312	618	182	0	0
15	177	86	1,034	1,034	606	178	0	0
16	194	109	600	600	606	179	0	0
17	221	125	545	545	600	179	0	0
18	223	121	629	629	595	168	0	0
19	220	127	541	541	592	159	0	0
20	202	106	540	540	589	162	0	0
21	205	106	538	538	570	179	0	0
22	207	111	541	541	606	179	0	0
23	209	110	1,583	1,583	484	87	0	0
24	227	121	713	713	462	0	0	0
25	217	107	710	710	462	0	0	0
26	215	106	711	711	462	1	0	0
27	204	104	516	516	456	1	0	0
28	212	106	636	636	452	1	0	0
29	221	119	624	624	486	1	0	0
30	224	123	624	624	487	1	0	0
31	213	111	517	517	279	1	0	80
Total	6,149	3,296	29,575	29,575	16,827	3,553	0	80

**Table 10. Clifton Court Forebay**

Daily Operation of Gates

**May 2007**

Date	Time								Amount of inflow in Acre-Feet
	Opened	Closed	Opened	Closed	Opened	Closed	Opened	Closed	
1	9:00	13:00							1,226
2	0:01	1:45	9:15	13:00					1,962
3	0:01	2:25							1,378
4	10:15	13:00							1,372
5	1:15	3:15	10:45	12:45					1,353
6	11:30	13:15							1,371
7	12:15	15:05							1,375
8	3:30	5:05							1,372
9	4:15	5:55							1,380
10	7:35	8:30	15:45	17:00					1,360
11	6:10	9:30							1,379
12	6:25	8:30							1,387
13	6:45	8:50							1,359
14	7:15	9:50							1,382
15	8:00	9:30							1,358
16	8:30	11:30							687
17	9:19	10:50							678
18	0:01	2:30	11:50	12:15					689
19	0:30	3:05							684
20	1:30	4:15							683
21	2:30	4:02							684
22									0
23	4:15	6:15							787
24	5:00	6:05	16:00	17:47					783
25	5:30	9:15							782
26	6:15	8:55							786
27	6:45	9:26							784
28	7:45	9:00							779
29	8:10	9:10							788
30	8:00	9:30							773
31	8:30	10:00							777
Total inflow for the month in AF:									32,158

**Table 11. Governor Edmund G. Brown California Aqueduct**

Delta Field Division, Monthly Deliveries

(In acre-feet)

**May 2007**

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries					
	Beginning and Ending				Table A	USBR	Local	Article 21	Local Other	
	No.	Structure	Mile							
			1.83	Byron-Bethany I.D.	4,356				4,356	
1	1	Banks Pumping Plant	3.32		29,575	32	32			
		South Bay Pumping Plant	4.49	Bethany Reservoir (Into the South Bay Aquaduct)	16,827					
		Check No. 1	5.95							
			8.08	Alameda Co. Zone 7 WA Mountain House Golf Course	32					
	2	Check No. 2	12.01							
	3		12.47	Musco Olive	32					
		Check No. 3	18.29							
2A	4		22.16	Tracy Golf & Country Club	0	9	149	162	159	
		Check No. 4	23.99							
		Check No. 5	29.73							
		Check No. 6	34.24							
	7		35.22	Turlock Fruit Company Inflow	0					
		Check No. 7	39.91							
	8		42.46	Oak Flat Water District-A	9					
			42.9	Western Hills WD	149					
			43.81	Oak Flat Water District-B	162					
			44.64	Oak Flat Water District-C	159					
		Check No. 8	45.97							
	9		46.18	Oak Flat Water District-D	175					
				Oak Flat Totals:	505	505	0	0	0	
2B		Check No. 9	51.3							
	10	Check No. 10	56.86							
	11	Check No. 11	61.4							
	12		66.14	Veteran's Cemetery	14	14				
		Check No. 12	66.71		8,632					

**Table 12. South Bay Aqueduct**  
Delta Field Division, Monthly Deliveries

(In acre-feet)

**May 2007**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		Mile			Table A	Article 21	Recovery	Local	Rec.		
	No.	Structure										
1	1	South Bay Pumping Plant	0.00	(into South Bay Aqueduct)	16,827	3						
			3.17	Granite - Vasco Rd. (Temp.)	0							
			3.18	Oakland Scavenger Zone 7	3							
		Check No. 1	3.91									
	2	Check No. 2	5.21			2						
			7.21	Zone 7 Water Agency Altamont	2							
		Check No. 3	9.49	Zone 7 Water Agency Patterson Inflow Exchange Project Water	0							
2	4	Check No. 4	10.68			1,278						
		Check No. 5	12.29									
	6		13.55	Zone 7 Water Agency Wente #1	26		26					
			14.16	Zone 7 Water Agency Wente #2	53							
			14.31	Zone 7 Water Agency Ising	12							
		Check No. 6	14.65									
	7		14.78	Zone 7 Water Agency Arroyo Mocho Project Water	0		53					
		Check No. 7	16.38									
	8		16.57	Zone 7 Water Agency Wente #3	0	12						
			16.63	Zone 7 Water Agency Wente #4	45							
			16.69	Zone 7 Water Agency Norman Nursery	0							
			16.70	Zone 7 Water Agency Concannon Project Water	16		45					
		Del Valle Branch Pipeline Junction	18.63	Pumped into Lake Del Valle	3,553							
				Pumped into South Bay Aqueduct	0		16					
				Gravity into South Bay Aqueduct	80							
5	8	Deliveries through Del Valle Branch Pipeline		Zone 7 WA Arroyo Valle #1 & #2		185				204		
				Storage Exchange Project Water	204							
				Inflow Exchange	185							
				East Bay Regional Park Dist. Del Valle Recreation	18		281			18		
				Zone 7 Water Agency Wente #5	0							
6			19.20	Zone 7 Water Agency So. Livermore Project		2,221				600		
				Inflow Release Project Water	0							
			19.21	Stored Exchange	2,221		104					
7		La Costa Tunnel		Zone 7 Water Agency Kalthrof Detjens	104							
			22.50	ACWD Vallecitos Project Water	1,242	1,242						
8		Mission Tunnel	25.97	City of San Francisco San Antonio	0							
				ACWD - Bayside 1 & 2		584				1,167		
				Inflow Release Project Water	0							
9		Santa Clara Pipeline	28.97	Storage Exchange	584	584				1,167		
			35.86	S.C.V.W.D. Meter	5,454							

**Table 13. Lake Del Valle**

Daily Operation

Capacity: 77,106 ac-ft

**May 2007**

Date	Water Surface Elevation (feet)	Storage	Storage Change	Inflow		Outflow					Precipitation (inches)
				Natural 1/	From South Bay Aqueduct	Arroyo Valle	South Bay Aqueduct 2/	Recreation Deliveries 3/	Evaporation	Total Outflow	
Apr 30 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	700.37	38,081									
	700.60	38,239	158	-15	186	0	0	1	12	13	0.00
	700.85	38,412	172	-3	185	0	0	1	8	9	0.10
	701.12	38,598	187	11	185	0	0	1	8	9	0.03
	701.60	38,932	333	153	185	0	0	1	4	5	0.14
	701.85	39,106	174	3	176	0	0	1	4	5	0.00
	702.07	39,260	154	4	161	0	0	1	10	11	0.00
	702.29	39,414	154	28	143	0	0	1	16	17	0.00
	702.30	39,421	7	11	14	0	0	1	17	18	0.00
	702.27	39,400	-21	-3	0	0	0	1	17	18	0.09
	702.33	39,442	42	-5	62	0	0	1	14	15	0.00
	702.60	39,632	190	5	195	0	0	1	9	10	0.00
	702.86	39,815	183	1	193	0	0	1	9	10	0.00
	703.10	39,985	170	-1	181	0	0	1	9	10	0.00
	703.35	40,162	177	10	179	0	0	1	11	12	0.00
	703.60	40,340	178	15	175	0	0	1	11	12	0.00
	703.85	40,518	178	11	176	0	0	1	8	9	0.00
	704.06	40,669	150	-15	176	0	0	1	10	11	0.00
	704.27	40,819	150	-4	166	0	0	1	10	11	0.00
	704.48	40,970	151	3	157	0	0	0	9	9	0.00
	704.67	41,107	137	-13	160	0	0	0	11	11	0.00
	704.90	41,273	166	1	176	0	0	0	11	11	0.00
	705.13	41,439	166	3	176	0	0	0	13	13	0.00
	705.23	41,511	72	1	86	0	0	0	14	14	0.00
	705.20	41,490	-22	-5	0	0	0	0	16	16	0.00
	705.18	41,475	-14	-1	0	0	0	0	14	14	0.00
	705.18	41,475	0	10	0	0	0	0	10	10	0.00
	705.15	41,453	-22	-10	0	0	0	0	11	11	0.00
	705.14	41,446	-7	1	0	0	0	0	8	8	0.00
	705.10	41,417	-29	-18	0	0	0	0	11	11	0.00
	705.10	41,417	0	12	0	0	0	0	12	12	0.00
	704.96	41,316	-101	94	0	0	185	0	10	195	0.00
Total				3,235	281	3,493	0	185	18	336	539
											0.36

1/ Total inflow from stream gaging station above Lang Canyon and accretions/depletions.

2/ Project water released to South Bay Aqueduct through Del Valle Pumping Plant.

3/ To East Bay Regional Park District.

NR=No Records

**Table 14. Consolidated State-Federal O'Neill Forebay**

Daily Operations

**May 2007**

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity 56,430 ac-ft

Date	Water Surface Elevation (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)				Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
				Pump In 1/	O'Neill Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	California Aqueduct	O'Neill Pumping Generating Plant (Generation)	Gianelli Pumping Generating Plant (Pumped)	Dos Amigos Pumping Plant	Deliveries 2/	
Apr 30	220.36	44,088										
1	220.76	45,132	1,044	0	0	7,197	365	862	0	5,863	12	-299
2	220.05	43,282	-1,850	0	0	5,895	457	1,262	0	6,343	12	332
3	219.74	42,480	-802	0	0	7,080	475	1,174	0	6,276	17	-492
4	220.37	44,114	1,634	0	0	8,068	311	1,091	0	6,367	17	-80
5	220.11	43,437	-677	0	0	6,863	255	1,086	0	6,530	17	174
6	219.35	41,477	-1,960	0	0	5,534	185	912	0	5,878	17	100
7	220.39	44,166	2,689	0	0	6,755	225	798	0	5,015	17	206
8	219.91	42,919	-1,247	0	0	6,799	218	827	0	6,616	17	-186
9	219.53	41,939	-980	0	114	7,012	158	1,230	0	6,689	17	158
10	219.16	40,991	-948	0	0	7,987	438	1,480	0	6,757	19	-647
11	220.00	43,152	2,161	0	0	9,507	408	1,500	0	7,056	19	-251
12	219.40	41,605	-1,547	0	0	7,309	424	1,566	0	7,078	19	150
13	219.60	42,119	514	0	0	8,901	369	1,577	0	7,019	19	-396
14	219.50	41,862	-257	0	0	8,241	0	1,567	0	6,397	19	-388
15	219.40	41,605	-257	0	0	8,661	0	1,820	0	6,966	19	14
16	219.08	40,788	-817	0	0	9,087	0	2,159	0	7,219	20	-101
17	219.80	42,635	1,847	0	0	10,827	0	2,328	0	7,323	17	-228
18	220.02	43,204	569	0	0	10,164	0	2,254	0	7,352	17	-254
19	220.30	43,931	727	0	0	10,097	0	2,089	0	7,140	17	-484
20	221.42	46,863	2,932	0	0	9,711	0	2,012	0	6,008	17	-196
21	221.44	46,915	52	0	0	8,687	0	2,040	0	6,324	17	-280
22	219.99	43,126	-3,789	0	0	7,706	0	2,140	0	7,511	17	52
23	220.30	43,931	805	0	0	9,787	0	2,163	0	7,297	22	101
24	219.28	41,298	-2,633	0	0	9,028	0	2,117	0	7,936	18	-284
25	219.23	41,170	-128	0	0	10,320	0	2,095	0	8,049	18	-223
26	219.08	40,788	-382	0	0	10,253	0	2,095	0	8,006	18	-327
27	218.72	39,876	-912	0	0	10,240	0	2,120	0	8,486	18	-76
28	218.95	40,457	581	0	0	10,180	64	2,055	0	7,627	18	-251
29	218.43	39,146	-1,311	0	0	10,453	0	2,053	0	8,871	18	-172
30	218.06	38,221	-925	0	0	10,246	0	2,206	0	8,353	18	-135
31	217.98	38,022	-199	0	0	9,871	0	2,154	0	7,371	40	-406
Total			-6,066	0	114	268,466	4,352	52,832	0	217,723	567	-4,869
Mean cfs			---	0	4	8,660	140	1,704	0	7,023	18	-157
Acre-feet			-6,066	0	226	532,509	8,632	104,790	0	431,858	1,124	-9,661

1/ Pump-in located at Mile 79.67R.

2/ Includes 19 AF delivered to DFG at O'Neill Forebay, 2 AF to Parks & Rec., 0 AF to the Cattle Program and 1,103 AF to San Luis Water District.

**Table 15. Consolidated State-Federal San Luis Reservoir**

Daily Operations

**May 2007**

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 2,027,835 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)			Computed Losses (-) Gains (+) (cfs)
				Gianelli Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	Pacheco Tunnel 1/	Parks and Rec. Del.		
Apr 30	505.10	1,566,575							
1	503.80	1,551,490	-15,085	0	7,197	324	0	-84	
2	502.71	1,538,880	-12,610	0	5,895	300	0	-162	
3	501.45	1,524,347	-14,533	0	7,080	294	0	47	
4	500.09	1,508,714	-15,633	0	8,068	284	0	470	
5	498.90	1,495,079	-13,635	0	6,863	274	0	263	
6	497.84	1,482,970	-12,109	0	5,534	272	0	-299	
7	496.64	1,469,302	-13,668	0	6,755	328	0	192	
8	495.40	1,455,223	-14,079	0	6,799	301	0	2	
9	494.16	1,441,190	-14,033	0	7,012	246	0	183	
10	492.75	1,425,290	-15,900	0	7,987	253	0	224	
11	491.08	1,406,534	-18,756	0	9,507	329	0	380	
12	489.67	1,390,764	-15,770	0	7,309	316	0	-326	
13	488.10	1,373,275	-17,489	0	8,901	294	0	378	
14	486.55	1,356,082	-17,193	0	8,241	320	0	-107	
15	484.97	1,338,631	-17,451	0	8,661	314	0	177	
16	483.30	1,320,268	-18,363	0	9,087	315	0	144	
17	481.30	1,298,389	-21,879	0	10,827	309	0	105	
18	479.40	1,277,716	-20,673	0	10,164	317	0	59	
19	477.60	1,258,234	-19,482	0	10,097	324	0	599	
20	475.73	1,238,081	-20,153	0	9,711	287	0	-162	
21	474.09	1,220,527	-17,554	0	8,687	305	0	142	
22	472.62	1,204,861	-15,666	0	7,706	306	0	114	
23	470.77	1,185,237	-19,624	0	9,787	332	0	225	
24	469.05	1,167,085	-18,152	0	9,028	331	0	208	
25	467.07	1,146,300	-20,785	0	10,320	335	0	176	
26	465.09	1,125,637	-20,663	0	10,253	326	0	162	
27	463.10	1,104,992	-20,645	0	10,240	289	0	121	
28	461.10	1,084,370	-20,622	0	10,180	312	0	95	
29	459.10	1,063,875	-20,495	0	10,453	310	0	430	
30	457.10	1,043,509	-20,366	0	10,246	315	0	293	
31	455.10	1,023,273	-20,236	0	9,871	373	1	43	
Total			-543,302	0	268,466	9,535	1	4,092	
Mean cfs			---	0	8,660	308	0	132	
Acre-feet			-543,302	0	532,509	18,909	1	8,117	

1/ Pacheco Tunnel, San Felipe Split; Santa Clara 14,909 AF, Casa De Fruta 0 AF, and San Benito 4,000 AF.

**Table 16. San Luis Field Division Plant Data**

(in acre-feet)

**May 2007**

Date	Dos Amigos Pumping Plant		Gianelli Pumping - Generating Plant			San Felipe Project	
	Total Pumping	SWP Pumping 1/ 2/	Total Generation	SWP Generation 1/ 2/	Total Pumping	SWP Pumping 1/ 2/	Federal
1	11,630	9,395	14,276	9,913	0	0	643
2	12,581	10,326	11,692	7,343	0	0	596
3	12,448	10,188	14,044	9,893	0	0	584
4	12,628	10,394	16,003	10,007	0	0	563
5	12,953	10,579	13,613	7,578	0	0	543
6	11,660	9,356	10,977	7,418	0	0	539
7	9,947	7,705	13,399	9,806	0	0	650
8	13,123	9,863	13,486	6,907	0	0	597
9	13,267	10,037	13,909	10,624	0	0	487
10	13,403	10,160	15,842	11,884	0	0	501
11	13,996	10,773	18,858	11,675	0	0	652
12	14,039	10,793	14,497	7,289	0	0	626
13	13,923	10,754	17,656	9,913	0	0	584
14	12,688	9,454	16,347	8,524	0	0	635
15	13,818	9,587	17,180	9,900	0	0	622
16	14,319	9,316	18,025	9,939	0	0	625
17	14,526	9,458	21,475	11,475	0	0	612
18	14,582	9,552	20,161	8,712	0	0	629
19	14,162	9,327	20,028	8,453	0	0	643
20	11,916	6,773	19,261	7,554	0	0	570
21	12,544	7,407	17,230	5,378	0	0	604
22	14,899	9,828	15,284	7,138	0	0	607
23	14,473	8,165	19,413	8,802	0	0	658
24	15,742	9,487	17,907	7,249	0	0	657
25	15,966	9,698	20,470	10,573	0	0	665
26	15,880	9,605	20,337	10,316	0	0	647
27	16,831	10,575	20,311	10,128	0	0	574
28	15,129	8,787	20,192	10,258	0	0	618
29	17,596	11,397	20,734	10,904	0	0	614
30	16,568	10,413	20,323	10,460	0	0	625
31	14,621	8,522	19,579	9,701	0	0	739
Total	431,858	297,674	532,509	285,714	0	0	18,909

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

2/ Provisional, subject to change.

**Table 17. Consolidated State-Federal Los Banos Reservoir**

Daily Operations

May 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity 34,560 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Apr 30	326.69	20,058					
1	326.66	20,044	-14	0	0	0	-14
2	326.62	20,026	-18	0	0	0	-18
3	326.60	20,016	-10	0	0	0	-10
4	326.59	20,012	-4	0	0	0	-4
5	326.56	19,998	-14	0	0	0	-14
6	326.57	20,002	4	2	0	0	0
7	326.56	19,998	-4	0	0	0	-4
8	326.55	19,993	-5	0	0	0	-5
9	326.51	19,975	-18	0	0	0	-18
10	326.51	19,975	0	0	0	0	0
11	326.47	19,956	-19	0	0	0	-19
12	326.44	19,942	-14	0	0	0	-14
13	326.44	19,942	0	0	0	0	0
14	326.43	19,938	-4	0	0	0	-4
15	326.39	19,919	-19	0	0	0	-19
16	326.37	19,910	-9	0	0	0	-9
17	326.34	19,896	-14	0	0	0	-14
18	326.31	19,882	-14	0	0	0	-14
19	326.30	19,878	-4	0	0	0	-4
20	326.27	19,864	-14	0	0	0	-14
21	326.25	19,855	-9	0	0	0	-9
22	326.21	19,836	-19	0	0	0	-19
23	326.19	19,827	-9	0	0	0	-9
24	326.18	19,823	-4	0	0	0	-4
25	326.16	19,813	-10	0	0	0	-10
26	326.13	19,800	-13	0	0	0	-13
27	326.10	19,786	-14	0	0	0	-14
28	326.08	19,777	-9	0	0	0	-9
29	326.05	19,763	-14	0	0	0	-14
30	326.01	19,744	-19	0	0	0	-19
31	325.99	19,735	-9	0	0	0	-9
Total			-323	2	0	0	-327
Mean cfs			---	0	0	0	---
Acre-feet			-323	4	0	0	-327

**Table 18. Consolidated State-Federal Little Panoche Reservoir**

Daily Operations

May 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 5,580 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Apr 30	602.60	826					
1	602.60	826	0	0	0	0	0
2	602.60	826	0	1	0	1	0
3	602.60	826	0	1	0	1	0
4	602.60	826	0	1	0	1	0
5	602.60	826	0	1	0	1	0
6	602.60	826	0	1	0	1	0
7	602.60	826	0	1	0	1	0
8	602.60	826	0	1	0	1	0
9	602.60	826	0	1	0	1	0
10	602.60	826	0	1	0	1	0
11	602.60	826	0	1	0	1	0
12	602.60	826	0	1	0	1	0
13	602.60	826	0	1	0	1	0
14	602.60	826	0	1	0	1	0
15	602.60	826	0	1	0	1	0
16	602.60	826	0	1	0	1	0
17	602.60	826	0	1	0	1	0
18	602.55	823	-3	0	0	0	-3
19	602.55	823	0	0	0	0	0
20	602.55	823	0	0	0	0	0
21	602.60	824	1	1	0	0	-1
22	602.55	823	-1	0	0	0	-1
23	602.55	823	0	0	0	0	0
24	602.55	823	0	0	0	0	0
25	602.45	818	-5	0	0	0	-5
26	602.45	818	0	0	0	0	0
27	602.45	818	0	0	0	0	0
28	602.45	818	0	0	0	0	0
29	602.45	818	0	0	0	0	0
30	602.45	818	0	0	0	0	0
31	602.45	818	0	0	0	0	0
Total			-8	17	0	16	-10
Mean cfs			---	1	0	1	---
Acre-feet			-8	33	0	31	-10

**Table 19. Governor Edmund G. Brown California Aqueduct**

San Luis Field Division, Monthly Deliveries

(In acre-feet)

**May 2007**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		Structure			USBR	Transfer	DWR Recreation	USBR Recreation			
	No.	Structure										
2B	12	Check No. 12	66.71		8,632							
3A	3A	San Luis Reservoir		Department of Parks and Recreation	1	14,909		1	0			
				San Felipe Division Santa Clara Water District	14,909							
				Casa de Fruta Santa Clara Water District	0							
				San Felipe Division San Benito Water District	4,000							
				Reach 3A Subtotal:	18,910		18,909	0	1			
3	13	O'Neill Forebay	70.85	Department of Parks and Recreation	2			1	1			
				Cattle Program								
				Department of Fish & Game	19							
		Thru 85.08	70.91	San Luis Water District	1,103	1,103		0	0			
				(Floodwater Inflow)	0							
				Reach 3 Subtotal:	1,124		1,103	0	10			
		Dos Amigos Pumping Plant	86.73		431,858				9			
4	14	14	89.03			8,622						
			Thru 94.06	San Luis Water District	8,622							
			89.66				2,108					
			Thru 89.67	Pacheco Water District	2,108							
			89.68	Panoche Water District	49		49					
		Check No. 14	89.70	City of Dos Palos	191	191						
			95.06									
		15	98.15			1,066						
			Thru 104.20	San Luis Water District	1,066							
			96.15			5,588						
			Thru 102.64	Panoche Water District	5,588							
			(Floodwater Inflow)	0								
		15	102.64	Broadview Water District	0		17,128					
			105.22									
			Thru 108.64	Westlands Water District	17,128							
			108.50									
			Reach 4 Subtotal:	34,752	34,752	0	0	0	0			
			San Felipe Division Total:	18,909	18,909	0	0	0	0			
			Pacheco Water District Total:	2,108	2,108	0	0	0	0			
			Broadview Water District Total:	0	0	0	0	0	0			
			City of Dos Palos Total:	191	191	0	0	0	0			
			SLWD Reach 4 Subtotal:	9,688	9,688	0	0	0	0			
			Panoche Water District Total:	5,637	5,637	0	0	0	0			
			SLWD Total:	10,791	10,791	0	0	0	0			
			Westlands WD Reach 4 Subtotal:	17,128	17,128	0	0	0	0			

**Table 19. Governor Edmund G. Brown California Aqueduct**

San Luis Field Division, Monthly Deliveries (Continued)

(In acre-feet)

**May 2007**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	No.	Beginning and Ending				USBR	Transfer	DWR Recreation	USBR Recreation		
		Structure	Mile								
5	16		110.52	(Reverse flow, Kings River)	0	20,334		11	9		
				Westlands Water District	20,334						
				Thru	20						
				122.05	0						
				Dept. of Fish and Game @ Lat. 4L	20						
	17		122.07	Dept. of Fish and Game @ Lat. 6L	0	17,659		5	0		
				Dept. of Fish and Game @ Lat. 7L	9						
	Check No. 16										
	18		124.18	124.18	Westlands Water District	17,659	18,677	1/ 1,000	4		
				Thru	Westlands Water District	17,659					
				132.74							
6	Check No. 17			132.95							
	19		133.81	133.81	Westlands Water District	19,677	14,697	805	13		
				Thru	Westlands Water District	19,677					
				142.61							
				Pleasant Valley Pumping Plant	Westlands Water District	14,697					
	20		143.16	143.16	City of Coalinga	805	25,988	444	0		
				Check No. 18	143.23						
						Reach 5 Subtotal:					
						73,201					
7	19		145.26	GWF Energy	0	25,988	2/ 383	0	0		
				City of Huron	0						
				DWR Truck @ 22R	0						
				Thru	Kings County to Lemoore NAS Through WWD	383					
				151.19	Kings County through WWD 30L	61					
					Westlands Water District	25,988					
	Check No. 19			155.64			25,988	444	0		
						Reach 6 Subtotal:					
	21		156.34	156.34	City of Huron	118	13,349	4/ 1,500	0	0	
				156.40	SWP Construction @ Lat. 24R	0					
				Thru	Westlands Water District	14,849					
				163.69							
				Check No. 20	164.69						
	21		164.79	164.79	City of Avenal	293	6,801	293	0	0	
				167.04	Westlands Water District	6,801					
				Thru							
				171.67							
				Check No. 21	172.40						
						277,846					
					Reach 7 Total:	22,061	20,561	1,500	0	0	
					SWP Construction Total:	0	0	0	0	0	
					Westlands WD Total:	137,133	134,633	2,500	0	0	
					City of Coalinga Total:	805	805	0	0	0	
					City of Huron Total:	118	118	0	0	0	
					Kings County to Lemoore NAS Through WWD	383	0	383	0	0	
					City of Avenal Total:	293	293	0	0	0	
					Total San Luis Field Division Deliveries:	176,480	173,485	2,944	28	23	

1/ Tulare Lake Basin WSD to WWD same land owner transfer. Hansen/Newton.

2/ Long-term POD from County of Kings to Lemoore Naval Air Base.

3/ POD from County of Kings

4/ Tulare Lake Basin WSD to WWD same land owner transfer. Westlake Farms.

**Table 20. Consolidated State-Federal San Luis Canal 1/**

Daily Operations

**May 2007**

United States  
Department of the Interior  
Bureau of Reclamation  
Central Valley Project

State of California  
The Resources Agency  
Department of Water Resources  
State Water Project

Date	Storage In Canal (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
			Non-Project	Dos Amigos Pumping Plant	San Luis Water District Pools 14 & 15 2/	Panoche Water District Pools 14 & 15	Westlands Water District Pools 15 thru 21 3/	Flow Past Check 21	
Apr 30	28,789								
1	28,691	-98	0	5,863	185	59	1,864	3,811	7
2	29,312	621	0	6,343	188	59	1,864	3,787	-132
3	28,699	-613	0	6,276	172	63	1,848	4,322	-180
4	28,872	173	0	6,367	172	63	1,848	4,003	-194
5	29,454	582	0	6,530	172	63	1,848	3,987	-167
6	29,714	260	0	5,878	172	63	1,848	4,186	522
7	28,768	-946	0	5,015	172	63	1,848	3,631	223
8	28,788	20	0	6,616	172	63	1,848	4,336	-187
9	28,206	-582	0	6,689	175	65	1,848	4,568	-326
10	28,019	-187	0	6,757	193	63	2,211	4,267	-117
11	28,519	500	0	7,056	193	63	2,211	4,207	-130
12	28,155	-364	0	7,078	193	63	2,211	4,781	-13
13	29,023	868	0	7,019	193	63	2,211	4,501	387
14	28,795	-228	0	6,397	193	63	2,211	4,294	249
15	28,242	-553	0	6,966	193	63	2,211	4,681	-97
16	27,928	-314	0	7,219	194	66	2,212	4,783	-122
17	28,713	785	0	7,323	202	72	2,406	4,184	-63
18	28,079	-634	0	7,352	202	72	2,406	4,719	-273
19	29,168	1,089	0	7,140	202	72	2,406	4,128	217
20	29,479	311	0	6,008	202	72	2,406	3,623	452
21	29,252	-227	0	6,324	202	72	2,406	4,049	291
22	29,036	-216	0	7,511	202	72	2,406	4,933	-7
23	28,139	-897	0	7,297	205	72	2,406	4,895	-171
24	28,365	226	0	7,936	208	173	2,612	4,915	86
25	28,594	229	0	8,049	208	173	2,612	4,912	-29
26	28,184	-410	0	8,006	208	173	2,612	5,354	134
27	28,932	748	0	8,486	208	173	2,612	5,609	493
28	28,701	-231	0	7,627	208	173	2,612	5,074	324
29	29,346	645	0	8,871	208	173	2,612	5,492	-61
30	29,112	-234	0	8,353	212	173	2,612	5,297	-177
31	28,338	-774	0	7,371	234	122	2,720	4,749	64
Total		-451	0	217,723	6,043	2,842	69,988	140,079	1,003
Mean cfs		---	0	7,023	195	92	2,258	4,519	32
Acre-feet		-451	0	431,858	11,987	5,637	138,822	277,846	1,983

1/ San Luis Canal includes Pools 14 through 21 of the California Aqueduct.

2/ Includes 2,107 AF AG, 1 AF M&I to Pacheco W.D., 191 AF to the City of Dos Palos and 9,688 AF to San Luis Water District.

3/ Includes 118 AF to the City of Huron, 293 AF to the City of Avenal, 805 AF to the City of Coalinga, 0 AF to City of Huron P&R @ 22R, 383 AF to Lemoore N.A.S. @ 29L, 0 AF to GWF @ 30L, 61 AF to Kings County @ 30L, 0 AF to Broadview WD @ 4L, 0 AF to DFG @ 4L, 20 AF to Piilbos Wildlife @ 4L, 0 AF to Mendota Water Fowl Habitat Area @ 6L, 0 AF to DWR Water Truck @ 22R, 9 AF to DFG @ 7L, 0 AF Non-Project Water and 137,133 AF to Westlands Water District.

**Table 21. San Joaquin Field Division Plant Data**

(in acre-feet)

**May 2007**

Date	Coastal Aqueduct					California Aqueduct				
	Las Perillas Pumping Plant	Badger Hill Pumping Plant	Devil's Den Pumping Plant	Bluestone Pumping Plant	Polonio Pass Pumping Plant	Buena Vista Pumping Plant	Teerink Pumping Plant	Chrisman Pumping Plant	Edmonston Pumping Plant	
23	1	476	476	84	78	83	6,461	6,106	5,585	5,476
	2	571	571	83	75	82	6,736	6,395	5,957	5,798
	3	581	581	88	82	89	7,769	7,477	7,027	6,955
	4	546	546	111	105	110	7,381	7,477	6,966	6,848
	5	712	712	121	114	120	7,024	7,275	6,809	6,767
	6	492	492	116	108	119	7,436	7,477	7,043	6,902
	7	475	475	80	75	82	7,115	7,217	6,761	6,875
	8	530	530	121	115	119	7,535	7,477	7,009	6,737
	9	674	674	171	164	167	7,542	7,419	6,826	6,767
	10	597	597	118	110	122	7,355	6,959	6,451	6,251
	11	556	556	68	65	73	7,117	7,196	6,717	6,427
	12	799	799	163	155	158	7,568	7,359	6,852	6,821
	13	593	593	121	112	122	7,192	7,269	6,816	6,821
	14	514	514	105	97	105	7,330	7,330	6,910	6,821
	15	573	573	149	143	148	7,626	7,477	6,868	6,767
	16	595	595	130	122	129	7,297	7,000	6,472	6,377
	17	585	585	125	117	127	7,496	7,207	6,717	6,320
	18	676	676	134	125	133	7,737	7,416	6,910	6,794
	19	519	519	134	124	135	7,407	7,373	6,910	6,732
	20	430	430	131	123	132	5,878	6,143	6,056	5,642
	21	446	446	113	102	116	7,094	6,875	6,544	6,410
	22	607	607	141	132	143	7,778	7,482	6,933	6,740
	23	601	601	145	137	146	7,806	7,419	6,916	6,764
	24	602	602	138	130	135	7,301	7,108	6,512	6,445
	25	600	600	125	112	124	7,868	7,671	7,090	6,971
	26	737	737	149	140	150	7,145	7,590	7,068	6,845
	27	734	734	133	124	133	7,883	7,625	7,122	7,162
	28	714	714	133	123	136	7,332	7,604	7,061	7,072
	29	602	602	120	111	121	8,204	7,512	7,035	6,746
	30	581	581	139	130	139	6,572	5,992	5,485	5,349
	31	677	677	131	123	133	6,067	5,800	5,336	5,141
Total		18,395	18,395	3,820	3,573	3,831	226,052	221,727	206,764	202,543

**Table 22. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries

(In acre-feet)

**May 2007**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending					Table A	USBR	Article 21	Recovery			
	No.	Structure	Mile									
7	21	Check No. 21	172.40		277,846							
8C	22			Empire West Side Irrig. Dist. TL - A	64	64	4,181	1/ 188				
				County of Kings TL - A	0							
				Tulare Lake Basin WSD TL-A	4,181							
				175.18 Dudley Ridge WD - 1	473							
				177.54 Dudley Ridge WD - 1B	262							
				180.64 Tulare Lake Basin WSD - C	0							
				180.65 Dudley Ridge WD - 1A	52							
				182.99 Dudley Ridge WD - 2	2,098							
				183.00 Tulare Lake Basin WSD TL - B	6,281							
				County of Kings TL-B	0							
31A	8D			184.00 Dudley Ridge WD - Paramount	0	1,910	1/ 1,712					
				184.63 Coastal Branch	18,395							
8D				184.78 Dudley Ridge WD - 3	1,712							
				Dudley Ridge Reach 8D Total:	4,597							
				Tulare Lake Basin WSD Total:	10,462							
				Check No. 22	184.82							
				189.69 Kern County Water Agency Lost Hills Water Dist. - 1	6,308							
				191.18 Kern County Water Agency Lost Hills Water Dist. - 2	1,163							
				194.22 Kern County Water Agency Lost Hills Water Dist. - 3	272							
				196.40 Kern County Water Agency Berrenda Mesa - 2	1,018							
				196.75 Kern County Water Agency Lost Hills Water Dist. - 4	652							
				KCWA Reach 9 Subtotal:	9,413							
9	23			Check No. 23	197.05	518	0	0	8,895			
				201.24 Kern County Water Agency Lost Hills Water Dist. - 7	952							
				202.05 Kern County Water Agency Lost Hills Water Dist. - 5	1,368							
				204.69 Kern County Water Agency Lost Hills Water Dist. - 6	0							
				205.26 Kern County Water Agency Lost Hills Water Dist. - 8	0							
				Check No. 24	207.94							
				209.71 Kern County Water Agency Belridge Water Storage Dist. - 1A	2,323	397	882	2/ 70				
				209.78 Kern National Wildlife Refuge USBR BV-1B	500							
				Kern County Water Agency Buena Vista WSD 1B	90							
				209.80 KCWA Semitropic WSD	1,252							
				KCWA Semitropic WSD Penstocks	4,662							
10A	25			USBR Total:	500	1,231	500	2/ 1,926				
				KCWA Reach 10A Subtotal:	10,647							
						5,220	0	0	5,427			

1/ Kern Water Bank Recovery

2/ Recovery of same contractor pump-in

**Table 22. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

**May 2007**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending					Table A	USBR	Article 21	Recovery		
	No.	Structure	Mile								
11B	25		210.75	Kern County Water Agency Belridge - 2	0	680	12,235	129	0		
			214.11	Kern County Water Agency Belridge - 3	680						
			216.62	Kern County Water Agency Belridge - 4	0						
			217.13	Kern County Water Agency Belridge - 5	12,235						
				Kern County Water Agency Belridge - 5D	129						
		Check No. 25	217.79								
				KCWA Reach 11B Subtotal:	13,044	13,044	0	0	0		
12D	26		219.58	Kern County Water Agency Belridge - 6	0	346					
				Kern County Water Agency West Kern - 3	346						
		Check No. 26	224.92								
12E	27		230.37	Kern County Water Agency Buena Vista - 6	0	5,987					
			Check No. 27	231.73							
	28		235.75	Kern County Water Agency Buena Vista - 2	0						
				Kern County WA CVC	5,987						
				DRWD CVC	0						
				Tulare Co.	0						
				Lower Tule River	0						
				Fresno Co.	0						
				Pixley ID	0						
				Hacienda							
		Check No. 28	238.11	DWR Wells	0						
				1/ Arvin Edison Total:	0	0	0	0	0		
				Reach 12E Subtotal:	5,987	5,987	0	0	0		
13B	29		238.19	Kern Water Bank Inflow	0	398					
				Kern Water Bank Outflow	0						
			241.02	Kern River Intertie (inflow)	0						
			242.85	KCWA Buena Vista WSD - 7	0						
			243.09	KCWA Buena Vista WSD - 5	398						
				Kern County Water Agency Buena Vista - 3	1,551						
		Check No. 29	244.54								
	30		249.85	Kern County Water Agency Buena Vista - 4	0						
			Buena Vista Pumping Plant	250.99			226,052				
				KCWA Reach 13B Subtotal:	1,949	1,949	0	0	0		
				Kern County Water Agency West Kern - 2	0				2/ 238		
14A	31		254.47	Kern County Water Agency Wheeler Ridge-Maricopa - 2	238						
			256.11								

1/ Arvin Edison Contractors include Rag Gulch WD, Kern-Tulare WD, Fresno County, Hills Valley ID, Tri Valley WD, Tulare County, Lower Tule River ID, and Pixley ID.

2/ Recovery of same contractor pump-in

**Table 22. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

**May 2007**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending					Table A	USBR	Article 21	Recovery		
	No.	Structure	Mile								
14A	31	Check No. 31	256.14								
	32		258.61	Kern County Water Agency Wheeler Ridge-Maricopa - 3	765				1/ 765		
			260.44	Kern County Water Agency Wheeler Ridge-Maricopa - 4	2,079				1/ 2,079		
		Check No. 32	261.72								
				KCWA Reach 14A Subtotal:	3,082	0	0	0	3,082		
14B	33		264.42	Kern County Water Agency Wheeler Ridge-Maricopa - 5	4,078				1/ 4,078		
			266.91	Kern County Water Agency Wheeler Ridge-Maricopa - 6	961				1/ 961		
		Check No. 33	267.36								
	34		270.24	Kern County Water Agency Wheeler Ridge-Maricopa - 7	3,697	2,111			1/ 1,586		
			271.27								
				Reach 14B Total:	8,736	2,111	0	0	6,625		
14C	35		272.39	Kern County Water Agency Wheeler Ridge-Maricopa - 8	2,174	2,174					
			276.09	Kern County Water Agency Wheeler Ridge-Maricopa - 9	1,525	1,525					
			277.30	Kern County Water Agency Arvin-Edison WSD	0						
				Reach 14C Total:	3,699	3,699	0	0	0		
	Teerink Pumping Plant	278.13			221,727						
15A	36		279.02	Kern County Water Agency Wheeler Ridge-Maricopa - 9A	960	960					
			280.06	Kern County Water Agency Wheeler Ridge-Maricopa - 10	6,315	6,315					
				Reach 15A Total:	7,275	7,275	0	0	0		
	Chrisman Pumping Plant	280.36			206,764						
16A	37		282.06	Kern County Water Agency Wheeler Ridge-Maricopa - 11	0						
			283.95								
	38		285.01	Kern County Water Agency Wheeler Ridge-Maricopa - 12	37	37					
			286.39	Kern County Water Agency Wheeler Ridge-Maricopa - 13A	140	140					
			287.06	Kern County Water Agency Wheeler Ridge-Maricopa - 13	0						
	Check No. 38	287.09									
	39		287.62	Kern County Water Agency Wheeler Ridge-Maricopa - 13B	376	376					
			290.21								
	40		291.26	Kern County Water Agency Wheeler Ridge-Maricopa - 14	1,428	1,428					
			293.07	Kern County Water Agency Wheeler Ridge-Maricopa - 15	293	293					
				Kern County Water Agency Tehachapi Cummings CWD	1,211	1,211					
				KCWA Reach 16A Subtotal:	3,485	3,485	0	0	0		
			293.45		202,543						
17E	Edmonston Pumping Plant										

1/ Recovery of same contractor pump-in

**Table 23. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries (Coastal Branch)

(In acre-feet)

**May 2007**

Reach No.	Operating Pool			Turnout	Total Diver-sions	Deliveries					
	Beginning and Ending					Table A	USBR	Article 21	Recovery		
	No.	Structure	Mile								
31A	C-1	Coastal Branch Control	0.02		18,395	422	1,533	5,388	1/ 6,680		
		Las Perillas Pumping Plant	1.16		18,395						
	C-2		3.79	Green Valley Water District	0						
		Badger Hill Pumping Plant	4.27		18,395						
	C-3	Coastal Check No. 3	7.21								
	C-4		9.34	Castaic Lake WA (Devil's Den WD #1)	422						
		Coastal Check No. 4	9.34								
	C-5	Coastal Check No. 5	12.20								
	C-6		13.30	Kern County Water Agency Berrenda Mesa - 3	1,533						
			14.83	Kern County Water Agency Berrenda Mesa - 1	12,068						
				Kern County Water Agency Berrenda Mesa - PO	0						
		Devil's Den Pumping Plant	14.86		3,820						
				KCWA Reach 31A Subtotal:	13,601	6,921	0	0	6,680		
				KCWA Total:	81,264	50,555	0	0	30,709		
33A	C-7	Bluestone Pumping Plant	19.05		3,573	3,225	520				
	C-8	Polonio Pass Pumping Plant	26.54		3,831						
	C-9	Tank Site 1	27.81	(CCWA) Polonio Pass Treatment Plant	0						
	C-10	Shandon T.O.	38.23	Santa Barbara County (CCWA)	3,225						
		Tank Site 2	58.63	Central Coast:	0						
34	C-11	Chorro Valley T.O.	69.31	San Luis Obispo County (CCWA)	520	3,745	0	0	0		
		Energy Dissipater	78.12								
35	C-12	Lopez T.O.	85.86	SLOCFC & WCD	0	3,745	0	0	0		
				CCWA Total:	3,745						
		Guadalupe T.O.	102.70	SBCFC & WCD	0						
		Santa Maria T.O.	107.43	SBCFC & WCD	0		0	0	0		
		So. Cal. Water T.O.	109.20	SBCFC & WCD	0						
38				SBCFC & WCD Total:	0	0	0	0	0		
		Tank Site 5	115.42								

1/ Recovery of same contractor pump-in

**Table 24. Southern Field Division Plant Data**

(in acre-feet)

May 2007

Date	West Branch						East Branch								East Branch Extension			
	Oso Pumping Plant	Warne Powerplant			Castaic Powerplant		Alamo Powerplant			Pearblossom Pumping Plant	Mojave Siphon Powerplant			Devil Canyon Powerplant Generation	Green Spot	Crafton Hills	Cherry Valley	
		Generation	Leakage	Gorman Crk. Improvement Channel	Generation 1/	Pumpback 1/	Generation	Bypass Through Plant	Tehachapi Afterbay Bypass		Generation	Leakage	Bypass Flume					
28	1	4,419	3,248	0	955	5,002	0	0	0	757	1,260	1,083	0	0	2,839	32	16	12
	2	2,768	3,255	0	694	5,601	0	0	0	3,244	2,245	2,451	0	0	3,074	34	20	12
	3	3,301	3,259	0	363	3,378	98	0	0	3,372	3,258	3,159	0	0	3,128	66	45	9
	4	3,549	3,259	0	198	5,024	625	0	0	3,735	3,061	3,103	0	0	2,927	52	27	12
	5	3,838	3,264	0	0	510	0	0	0	2,835	2,590	2,578	0	0	2,892	24	11	12
	6	3,838	3,262	0	0	3,348	879	0	0	3,116	2,590	2,572	0	0	2,573	24	10	11
	7	3,425	3,264	0	0	5,906	439	0	0	3,322	2,965	2,957	0	0	3,165	56	32	12
	8	3,425	3,266	0	0	4,907	933	0	0	3,559	3,128	2,841	0	0	2,898	50	23	12
	9	3,551	3,271	0	0	4,844	0	0	0	3,191	2,363	2,731	0	0	2,751	56	30	22
	10	2,967	3,253	0	0	4,453	0	0	0	3,074	3,061	2,889	0	0	3,144	49	23	12
	11	2,877	3,256	0	0	4,728	0	0	0	3,636	3,292	3,234	0	0	3,148	61	34	22
	12	2,904	3,258	0	0	2,847	0	0	0	3,703	3,431	2,952	0	0	2,991	30	16	22
	13	3,204	3,255	0	0	1,595	43	0	0	3,545	3,057	3,109	0	0	2,874	74	0	16
	14	3,205	3,252	0	0	4,963	1,117	0	0	3,455	3,177	3,332	0	0	3,272	69	40	20
	15	3,399	3,192	0	0	3,138	1,207	0	0	3,026	2,903	2,866	0	0	3,249	61	34	25
	16	3,453	3,251	0	0	3,637	1,487	0	0	3,372	3,000	3,012	0	0	3,106	70	47	17
	17	3,063	2,509	0	0	4,063	1,162	0	0	3,670	3,235	3,060	0	0	3,069	62	47	21
	18	2,768	2,490	0	0	4,211	956	0	0	3,851	3,435	3,440	0	0	3,058	54	34	17
	19	2,768	2,507	0	0	2,476	0	0	0	3,967	3,430	3,394	0	0	3,264	22	9	14
	20	2,321	2,493	0	0	2,077	1,164	0	0	3,331	2,732	2,347	0	0	2,949	31	15	19
	21	2,975	2,745	0	0	4,175	739	0	0	3,455	3,403	3,303	0	0	3,243	75	51	19
	22	2,941	2,746	0	0	3,563	693	0	0	3,969	3,431	3,777	0	0	2,835	67	46	23
	23	3,246	2,192	0	0	3,421	0	0	0	3,356	3,090	3,109	0	0	3,243	68	47	27
	24	2,775	2,787	0	0	3,649	0	1,856	0	1,256	2,726	3,000	0	0	2,941	64	40	23
	25	2,770	2,883	0	0	3,713	0	3,231	0	731	3,614	3,315	0	0	3,318	51	38	33
	26	2,767	2,817	0	0	1,548	0	3,224	0	646	3,663	3,648	0	0	3,145	33	21	0
	27	2,590	2,939	0	0	692	1,199	3,281	0	694	3,825	3,849	0	0	3,102	61	41	26
	28	2,564	2,944	0	0	1,491	1,072	3,313	0	843	3,802	3,860	0	0	2,977	69	47	26
	29	2,724	2,718	0	0	4,090	949	3,270	0	496	3,428	3,417	0	0	3,001	68	46	26
	30	2,343	2,573	0	0	4,267	0	2,667	0	338	2,750	3,361	0	0	2,842	68	47	27
	31	1,991	2,041	0	0	3,450	0	2,858	0	397	2,714	2,338	0	0	2,930	60	35	21
	Total	94,729	91,449	0	2,210	110,767	14,762	23,700	0	81,942	94,659	94,087	0	0	93,948	1,661	972	570

1/ Values supplied by LADWP, not verified by DWR.

**Table 25. Pyramid Lake**

Daily Operation

Capacity: 171,200 ac-ft

(in acre-feet except as noted)

**May 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow				Outflow				Computed Losses (-) And Gains (+)	
				Project			Natural	Project			Natural		
				Castaic Powerplant Pumpback 1/	Warne Power-plant	Gorman Creek Improve. Channel	Stream Flow	Castaic Powerplant Generation 1/	Recrea-tion Deliveries	To Piru Creek	United Water Agency		
Apr 30	2575.56	166,770											
1	2574.98	166,031	-739	0	3,248	955	21	5,002	0	30	0	69	
2	2573.44	164,081	-1,950	0	3,255	694	22	5,601	0	30	0	-290	
3	2573.47	164,119	38	98	3,259	363	22	3,378	0	30	0	-296	
4	2572.68	163,124	-995	625	3,259	198	22	5,024	0	24	0	-51	
5	2574.79	165,790	2,666	0	3,264	0	23	510	0	24	0	-87	
6	2575.36	166,515	725	879	3,262	0	22	3,348	0	24	0	-66	
7	2573.49	164,144	-2,371	439	3,264	0	22	5,906	1	24	0	-165	
8	2572.81	163,287	-857	933	3,266	0	21	4,907	0	24	0	-146	
9	2571.32	161,420	-1,867	0	3,271	0	20	4,844	0	24	0	-290	
10	2570.22	160,051	-1,369	0	3,253	0	20	4,453	0	24	0	-165	
11	2568.92	158,442	-1,609	0	3,256	0	20	4,728	0	24	0	-133	
12	2569.26	158,862	420	0	3,258	0	20	2,847	0	24	0	13	
13	2570.49	160,386	1,524	43	3,255	0	20	1,595	0	24	0	-175	
14	2569.93	159,691	-695	1,117	3,252	0	20	4,963	0	24	0	-97	
15	2570.96	160,971	1,280	1,207	3,192	0	20	3,138	0	24	0	23	
16	2572.01	162,283	1,312	1,487	3,251	0	20	3,637	0	21	0	212	
17	2571.67	161,858	-425	1,162	2,509	0	19	4,063	0	20	0	-32	
18	2570.99	161,009	-849	956	2,490	0	19	4,211	0	20	0	-83	
19	2570.78	160,747	-262	0	2,507	0	18	2,476	0	20	0	-291	
20	2572.05	162,333	1,586	1,164	2,493	0	18	2,077	0	20	0	8	
21	2571.37	161,483	-850	739	2,745	0	18	4,175	0	20	0	-157	
22	2571.21	161,283	-200	693	2,746	0	18	3,563	0	20	0	-74	
23	2570.08	159,877	-1,406	0	2,192	0	18	3,421	0	20	0	-175	
24	2569.15	158,726	-1,151	0	2,787	0	18	3,649	0	18	0	-289	
25	2568.33	157,716	-1,010	0	2,883	0	17	3,713	0	16	0	-181	
26	2569.37	158,998	1,282	0	2,817	0	17	1,548	0	16	0	12	
27	2572.21	162,534	3,536	1,199	2,939	0	17	692	0	16	0	89	
28	2574.26	165,118	2,584	1,072	2,944	0	17	1,491	0	16	0	58	
29	2573.70	164,409	-709	949	2,718	0	17	4,090	0	16	0	-287	
30	2572.23	162,559	-1,850	0	2,573	0	17	4,267	0	15	0	-158	
31	2571.26	161,345	-1,214	0	2,041	0	17	3,450	0	15	0	193	
Total				-5,425	14,762	91,449	2,210	600	110,767	1	667	0	-3,011

1/ Values supplied by LADWP, not verified by DWR.

**Table 26. Elderberry Forebay**

Daily Operation

(in acre-feet except as noted)

Capacity: 32,476 ac-ft

**May 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow			Computed Losses (-) And Gains (+)	
				Castaic Powerplant Generation 1/	Natural	Castaic Powerplant Pumpback 1/	To Castaic Lake			
				Natural	Project 1/					
Apr 30	1522.88	24,483								
1	1521.48	23,875	-608	5,002	0	0	0	5,610	0	
2	1521.76	23,996	121	5,601	0	0	0	5,481	1	
3	1517.78	22,304	-1,692	3,378	0	98	1	4,972	1	
4	1522.39	24,269	1,965	5,024	0	625	0	2,434	0	
5	1523.35	24,688	419	510	1	0	0	0	-92	
6	1521.28	23,789	-899	3,348	0	879	0	3,368	0	
7	1521.89	24,052	263	5,906	0	439	0	5,205	1	
8	1519.91	23,202	-850	4,907	0	933	0	4,824	0	
9	1520.86	23,608	406	4,844	0	0	0	4,436	-2	
10	1516.92	21,947	-1,661	4,453	0	0	0	6,115	1	
11	1515.33	21,295	-652	4,728	0	0	0	5,381	1	
12	1522.18	24,178	2,883	2,847	0	0	0	0	36	
13	1525.60	25,682	1,504	1,595	0	43	0	0	-48	
14	1526.23	25,964	282	4,963	0	1,117	0	3,564	0	
15	1519.28	22,935	-3,029	3,138	0	1,207	0	4,960	0	
16	1524.20	25,062	2,127	3,637	0	1,487	0	0	-23	
17	1524.56	25,221	159	4,063	0	1,162	0	2,741	-1	
18	1522.92	24,500	-721	4,211	0	956	0	3,975	-1	
19	1520.20	23,326	-1,174	2,476	0	0	0	3,651	1	
20	1522.26	24,213	887	2,077	0	1,164	0	0	-26	
21	1522.46	24,300	87	4,175	0	739	0	3,349	0	
22	1518.24	22,497	-1,803	3,563	0	693	0	4,674	1	
23	1526.08	25,896	3,399	3,421	0	0	0	0	-22	
24	1525.73	25,740	-156	3,649	0	0	0	3,805	0	
25	1522.49	24,313	-1,427	3,713	0	0	0	5,140	0	
26	1519.39	22,981	-1,332	1,548	0	0	0	2,879	-1	
27	1518.06	22,421	-560	692	0	1,199	0	0	-53	
28	1518.98	22,808	387	1,491	0	1,072	0	0	-32	
29	1520.94	23,643	835	4,090	0	949	0	2,306	0	
30	1519.49	23,024	-619	4,267	0	0	0	4,887	1	
31	1522.13	24,156	1,132	3,450	0	0	0	2,317	-1	
Total				-327	110,767	1	14,762	1	96,074	
-258										

1/ Values supplied by LADWP, not verified by DWR.

**Table 27. Castaic Lake**

Daily Operation

(in acre-feet except as noted)

Capacity: 323,699 ac-ft

**May 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow		Computed Losses (-) And Gains (+)	
				From Elderberry Forebay 1/		Natural	Deliveries	Released To Castaic Lagoon		
				Natural	Project					
Apr 30	1502.69	296,868								
1	1504.26	300,214	3,346	0	5,610	2	2,662	0	396	
2	1505.61	303,109	2,895	0	5,481	2	2,611	0	23	
3	1506.77	305,610	2,501	1	4,972	2	2,669	0	195	
4	1506.81	305,696	86	0	2,434	2	2,535	0	185	
5	1505.62	303,131	-2,565	0	0	2	2,537	0	-30	
6	1506.05	304,056	925	0	3,368	2	2,623	0	178	
7	1507.21	306,561	2,505	0	5,205	1	2,728	0	27	
8	1507.97	308,209	1,648	0	4,824	1	2,982	0	-195	
9	1508.77	309,949	1,740	0	4,436	1	2,837	84	224	
10	1510.21	313,096	3,147	0	6,115	1	2,855	99	-15	
11	1511.30	315,491	2,395	0	5,381	1	2,841	99	-47	
12	1510.02	312,680	-2,811	0	0	1	2,844	99	131	
13	1508.78	309,971	-2,709	0	0	1	2,796	0	86	
14	1509.09	310,647	676	0	3,564	1	2,796	0	-93	
15	1510.14	312,943	2,296	0	4,960	1	2,287	0	-378	
16	1508.90	310,233	-2,710	0	0	1	2,770	0	59	
17	1508.93	310,298	65	0	2,741	1	2,746	0	69	
18	1509.49	311,521	1,223	0	3,975	1	2,876	0	123	
19	1509.98	312,593	1,072	0	3,651	1	2,878	0	298	
20	1508.78	309,971	-2,622	0	0	1	2,667	0	44	
21	1509.17	310,822	851	0	3,349	1	2,748	0	249	
22	1510.02	312,680	1,858	0	4,674	0	2,807	0	-9	
23	1508.78	309,971	-2,709	0	0	0	2,686	0	-23	
24	1509.37	311,258	1,287	0	3,805	0	2,789	0	271	
25	1510.33	313,359	2,101	0	5,140	0	2,874	0	-165	
26	1510.34	313,381	22	0	2,879	0	2,847	0	-10	
27	1509.10	310,669	-2,712	0	0	0	2,786	0	74	
28	1507.86	307,970	-2,699	0	0	0	2,699	0	0	
29	1507.58	307,363	-607	0	2,306	0	2,884	0	-29	
30	1508.49	309,340	1,977	0	4,887	0	2,865	0	-45	
31	1508.29	308,903	-437	0	2,317	0	2,842	0	88	
<b>Total</b>		12,035		1	96,074	27	85,367	381	1,681	

1/ Values supplied by LADWP, not verified by DWR.

**Table 28. Governor Edmund G. Brown California Aqueduct**

Southern Field Division, Monthly Deliveries (West Branch)

(In acre-feet)

**May 2007**

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries					
	Beginning and Ending				Table A	Rec.	Transfer	Recovery	Exchange	
	No.	Structure	Mile							
29A	42	Oso Pumping Plant	1.49	94,729						
29F	W2	Quail Lake	5.02	Antelope Valley-East Kern Water Agency	Removed					
		Quail Lake Embankment	7.82	Antelope Valley-East Kern Water Agency	Stub					
		Warne Power Plant	14.07	(Does not Include 2,210 AF of flow through Gorman Creek Imp. Channel)	91,449					
29H	W3	Pyramid Lake		USFS Pyramid Recreation (T300)	1					
				United WA (T300)	0					
		Pyramid Dam	17.10	California State Park Piru Fish (T300)	0					
29J	W4	Castaic Power Plant	25.82	( 14,762 AF pumpback ) 2I	110,767					
		Elderberry Forebay								
		Forebay Dam	28.12							
30 1/	W5	Castaic Lake		California State Park Castaic Lake Recreation (T301)	23					
		Castaic Dam	31.47							
		Castaic Lake Outlet	31.55	MWDSC 78" & 132" (T302)	80,358					
				Castaic Lake WA 18", 24" & 54" (T303)	2,373					
				Castaic Lake WA Rio Vista T.P. (T304)	2,489					
				MWD-Ventura Co. WPD (T302)	124					
				Releases to Lagoon	381					
				Reach 30 Subtotal:	85,367	85,344	23	0	0	
		Castaic Lagoon		California State Park Recreation to Lagoon (T353)	0					
		Castaic Lagoon Outlet	31.87		302					

1/ Reach 30 actually terminates at mile 31.50. It is shown here as including the outlet works at mile 31.55.

All deliveries from the outlet works and from the Lagoon are billed to Reach 30.

2/ Value Supplied by LADWP, not verified by DWR

**Table 29. Silverwood Lake**

Daily Operation

(in acre-feet except as noted)

Capacity: 74,970 ac-ft

**May 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow					Computed Losses (-) And Gains (+)	Las Flores Ranch Exchange 1/
							Project		Del. To Mojave W.A.	Natural To Mojave River			
Mojave Siphon Power-plant	Mojave Bypass Flume	Natural Stream Flow	Delivered to CLAWA	Rec.	San Bernardino Tunnel								
Apr 30	3352.89	72,926											
1	3351.06	71,178	-1,748	1,083	0	4	1	0	2,839	0	0	4	7
2	3350.50	70,648	-530	2,451	0	4	1	0	3,074	0	0	90	6
3	3350.61	70,752	104	3,159	0	4	6	1	3,128	0	1	77	6
4	3351.04	71,159	407	3,103	0	4	6	1	2,927	0	0	235	6
5	3350.45	70,601	-558	2,578	0	4	7	0	2,892	0	0	-241	6
6	3350.28	70,440	-160	2,572	0	3	6	1	2,573	0	1	-155	6
7	3350.19	70,355	-85	2,957	0	3	8	0	3,165	0	0	128	6
8	3350.11	70,280	-75	2,841	0	3	5	1	2,898	0	0	-15	6
9	3350.16	70,327	47	2,731	0	3	7	1	2,751	0	1	73	6
10	3349.91	70,092	-235	2,889	0	3	6	0	3,144	0	0	23	6
11	3349.91	70,092	0	3,234	0	2	7	0	3,148	0	1	-81	6
12	3349.90	70,079	-13	2,952	0	2	6	1	2,991	0	1	32	6
13	3350.16	70,327	248	3,109	0	2	7	0	2,874	0	0	18	6
14	3350.22	70,384	57	3,332	0	2	5	1	3,272	0	1	1	6
15	3349.80	69,988	-395	2,866	0	2	7	0	3,249	0	1	-7	6
16	3349.69	69,885	-103	3,012	0	2	6	1	3,106	0	0	-4	6
17	3349.77	69,960	75	3,060	0	2	6	0	3,069	0	0	89	6
18	3350.05	70,223	263	3,440	0	2	6	1	3,058	0	1	-112	6
19	3350.19	70,355	132	3,394	0	2	7	0	3,264	0	1	8	6
20	3349.63	69,829	-527	2,347	0	2	6	1	2,949	0	0	80	6
21	3349.77	69,960	132	3,303	0	2	8	0	3,243	0	1	79	6
22	3350.75	70,884	924	3,777	0	2	8	0	2,835	0	0	-11	5
23	3350.56	70,705	-180	3,109	0	2	8	1	3,243	0	0	-38	3
24	3350.50	70,648	-57	3,000	0	2	8	0	2,941	0	1	-108	0
25	3350.67	70,809	161	3,315	0	1	8	0	3,318	0	0	170	0
26	3351.20	71,311	502	3,648	0	1	8	1	3,145	0	0	7	4
27	3351.99	72,063	752	3,849	0	1	9	0	3,102	0	1	14	7
28	3352.89	72,926	862	3,860	0	1	6	0	2,977	0	0	-16	7
29	3353.25	73,272	347	3,417	0	1	6	1	3,001	0	0	-64	6
30	3353.87	73,871	599	3,361	0	1	7	0	2,842	0	1	87	7
31	3353.09	73,118	-753	2,338	0	1	8	0	2,930	0	0	-154	7
Total				192	94,087	0	69	13	93,948	0	13	208	178

1/ Project water delivered from Mojave Siphon in exchange for like amount of Natural Streamflow.

**Table 30. Lake Perris**

Daily Operation

(in acre-feet except as noted)

Capacity: 131,452 ac-ft

**May 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow 1/	Outflow 2/	Computed Losses (-) Gains (+) 1/
Apr 30	1560.96	70,682				
1	1561.05	70,848	166		5	
2	1561.10	70,940	92		6	
3	1561.04	70,830	-110		4	
4	1561.02	70,793	-37		72	
5	1561.13	70,996	203		75	
6	1560.96	70,682	-314		75	
7	1560.96	70,682	0		76	
8	1560.93	70,627	-55		54	
9	1560.96	70,682	55		5	
10	1560.82	70,425	-257		5	
11	1560.85	70,480	55		5	
12	1560.88	70,535	55		5	
13	1560.88	70,535	0		5	
14	1560.88	70,535	0		5	
15	1560.88	70,535	0		6	
16	1560.88	70,535	0		5	
17	1560.88	70,535	0		5	
18	1560.88	70,535	0		5	
19	1560.88	70,535	0		5	
20	1560.99	70,738	203		5	
21	1561.02	70,793	55		6	
22	1560.91	70,590	-203		96	
23	1560.88	70,535	-55		93	
24	1560.80	70,388	-147		54	
25	1560.74	70,278	-110		56	
26	1560.74	70,278	0		56	
27	1560.66	70,131	-147		56	
28	1560.55	69,930	-201		55	
29	1560.55	69,930	0		51	
30	1560.52	69,875	-55		6	
31	1560.55	69,930	55		5	
Total		-752		1,938	962	-1,728

1/ Readings are not taken on a daily basis. End of month only.

2/ Includes deliveries to MWD from Reach 28J and recreation water to California State Park at Lake Perris.

**Table 31. Governor Edmund G. Brown California Aqueduct**

Southern Field Division, Monthly Deliveries (East Branch)

(In acre-feet)

**May 2007**

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries					
	Beginning and Ending				Table A	Rec.	Transfer	Recovery	Exchange	
	No.	Structure	Mile							
17E	40	Edmonston Pumping Plant	293.45	202,543						
	41		298.65		KCWA Tej.-Cas	Stub				
17F		Check No. 41	303.41							
18A	42		304.99	0	AVEK WA-Temp for TEA construction (T389)					
		Check No. 42	304.99							
	43	Alamo Powerplant	305.73	105,642	(Includes 23,700 AF generation, 0 AF plant bypass, and 81,942 AF Tehachapi bypass)					
			306.71		AVEK 305th Street West (T287)	689				
			308.05		AVEK 294th Street West (T267)	0				
	Check No. 43	309.70								
	44		311.84	0	LADWP Connection	0				
			313.50		AVEK 245th Street West (T269)	0				
	Check No. 44	314.81								
19	45		314.93	0	AVEK 235th Street West (T270)	0				
			315.57		AVEK 225th Street West (T271)	0				
	Check No. 45	319.74								
	46		323.19	1,942	Antelope Valley-East Kern WA Fairmont (T272)	1,942				
					Mojave Water Agency Fairmont (T272)	160				
		Check No. 46	323.84							
				Reach 19 Total:	2,102					
20A	47	Check No. 47	326.77							
	48		326.91	129	Antelope Valley-East Kern WA Willow Springs (T273)					
			329.65		Antelope Valley-East Kern WA 120th Street West	Removed				
		Check No. 48	330.82							
	49	Check No. 49	335.93							
	50		336.73	4,296	Antelope Valley-East Kern WA Quartz Hill (T274)					
			339.68		Antelope Valley-East Kern WA Rancho Vista (T275)	76				
		340.92	AVEK WA-Temp (T387)	1						
		Check No. 50	341.51							
20B	51		342.06	5	AVEK WA-Temp (T386)					
		Check No. 51	342.07							
	52		342.95	0	Antelope Valley-East Kern WA 30th Street West (T414)					
		Check No. 52	343.74							
	53		346.98	1,675	Palmdale WD (T276) Temp.					
			348.14		Antelope Valley-East Kern WA Acton Treatment Plant (T277)	93				
		Check No. 53	348.17							
			349.52		Palmdale WD (T394) Temp.	1				
21	54	Check No. 54	350.25							
	55	Check No. 55	352.70							
	56	Check No. 56	354.76							
	57		354.97	0	AVEK WA- Delivered through Littlerock Creek ID (T278)					
			354.97		Palmdale WD (T276)	0				
			354.97		Palmdale WD (T391)	0				
22A		Check No. 57	356.93							
	58		357.60	122	AVEK 95th Street East (T279)					
			357.72		AVEK 96th Street East (T280)	254				
			359.76		AVEK East Side Treatment Plant (T281)	563				

1/ Exchange of Table A water.

**Table 31. Governor Edmund G. Brown California Aqueduct**

Southern Field Division, Monthly Deliveries (East Branch, Continued)

(In acre-feet)

**May 2007**

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries					
	Beginning and Ending				Table A	Rec.	Transfer	Recovery	Exchange	
	No.	Structure	Mile							
22B	58	Pearblossom Pumping Plant	360.61	94,659	32	227	669	1/ 178		
	59	Check No. 59	366.09							
	60		366.50	AVEK Big Rock Siphon (T368)		32				
		Check No. 60	373.94							
	61	Check No. 61	379.00							
	62	Check No. 62	384.26							
	63		389.20	Mojave Water Agency White Road 24" & 42" (T282)		227				
	64	Check No. 63	395.10							
	65	Check No. 64	400.32							
	66		401.10	Mojave Water Agency Morongo 24" & 42" (T284)		669				
23		Check No. 66	403.41							
24	67	Mojave Siphon	405.58	Las Flores Ranch Exchange	178					
		Mojave Siphon Powerplant	405.65		94,087					
		Silverwood Lake	407.65	MWA CS DAM (T288)	0	13	165	2/ 33	3/ 3,848	
				California State Park						
				Silverwood (T288)	13					
		San Bernardino Intake Tunnel	407.70	Crestline-Lake Arrowhead WA State Project Water (T289)	198					
				Non-Project Water (T289)	0					
25		Devil Canyon Powerplant	412.73		93,948					
26A	68	Devil Canyon Afterbay Control Structures	412.88	MWD-Rialto (T292)	0	39,559	12,487	4/ 4,239		
				MWD-Rialto (T293)	43,407					
				Desert Water Agency Transfer (T293)	0					
				Coachella Valley WD Transfer (T293)	0					
				MWD EBX-1 (T290)	0					
				MWD EBX-1 (T291)	12,487					
				East Branch Extension	4,239					
28G			425.46							
28H		Santa Ana Valley Pipeline	433.06	MWD-SC Box Springs (T295)	8,897	8,897	23,753	166		
			440.05	MWD-SC Perris Bypass Pipeline (T296)	23,753					
28J		Lake Perris	442.00	MWD-SC (T297)	166	796	0	0	3,848	
			443.44	MWD-SC 54" & 78" (T299)	796					
				Calif. State Park						
				Lake Perris Recreation (T298)	0					
				MWD Total:	169,988	166,140	0	0	0	

1/ Project water delivered from Mojave Siphon in exchange for like amount of natural stream flow.

2/ Transfer of Table A water.

3/ Includes 3,250 AF of MWD Water Bank Recovery and 598 AF of Arvin Edison Water Bank Recovery

4/ Includes 907 AF to San Gabriel Valley MWD, 2,706 AF to San Bernardino Valley MWD, and 626 AF to San Gorgonio Pass WA.

**Table 32. Water Quality At Selected SWP Locations**

May 2007

Constituent	Units	Thermalito Afterbay At Outlet	North Bay Aqueduct Barker Slough Pumping Plant	Banks Pumping Plant	Delta Mendota Canal At McCabe Rd.	California Aqueduct				Devil Canyon Afterbay Near San Bernardino
						O'Neill Forebay Outlet (Check 13)	Kettleman City (Check 21)	Near Hwy 119 (Check 29)	Tehachapi Afterbay (Check 41)	
Alkalinity	mg/l as CaCO <sub>3</sub>	39	105	73	78	79	79	77	76	77
Antimony	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NR	NR
Arsenic	mg/l	<0.001	0.003	0.002	0.002	0.001	0.002	0.003	0.002	0.002
Beryllium	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron	mg/l	<0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1
Bromide	mg/l	<0.01	0.04	0.11	0.16	0.22	0.22	0.18	0.19	0.18
Calcium	mg/l	8	17	18	24	19	20	22	22	22
Carbon - Dissolved Organic	mg/l as C	NR	3.1	3.5	3.3	2.5	2.6	2.4	2.4	3.4
Carbon - Total Organic	mg/l as C	NR	52.5	3.8	3.0	2.5	2.5	3.2	2.4	3.9
Chloride	mg/l	<1	18	44	61	69	70	61	65	61
Chromium	mg/l	<0.001	0.002	0.002	0.001	0.002	0.002	0.002	0.003	0.003
Copper	mg/l	<0.001	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.007
Fluoride	mg/l	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hardness	mg/l as CaCO <sub>3</sub>	32	96	90	113	93	99	96	100	96
Iron	mg/l	<0.005	<0.005	0.005	0.005	<0.005	<0.005	<0.005	<0.005	0.005
Lead	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium	mg/l	3	13	11	13	11	12	10	11	10
Manganese	mg/l	<0.005	0.051	<0.005	0.005	0.006	<0.005	<0.005	<0.005	0.111
Nitrate + Nitrite	mg/l as N	<0.01	0.65	0.56	NR	0.47	0.42	0.74	0.60	0.72
Phosphorus-Ortho	mg/l as P	<0.01	0.12	0.08	NR	0.06	0.06	<0.01	0.05	0.06
Phosphorus-Total	mg/l	0	0.56	0.14	NR	0.06	0.08	0.07	0.06	0.07
Selenium	mg/l	<0.001	<0.001	<0.001	0.001	0.001	0.001	<0.001	0.001	0.001
Sodium	mg/l	3	27	38	51	47	50	46	50	46
Specific Conductance	µS/cm	86	322	371	477	463	462	418	435	432
Sulfate	mg/l	2	27	34	54	35	35	36	36	39
Total Dissolved Solids	mg/l	35	189	204	266	251	256	241	242	245
Turbidity	NTU	4	975	22	8	3	7	3	3	1
Zinc	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.013

mg/l milligrams per liter

µg/l micrograms per liter

µS/cm microSiemens per centimeter

NR - Not Reported

NTU - nephelometric turbidity units

**Table 33. Water Quality At Selected Delta Stations**

**May 2007**

Date	Antioch Tides (feet above mean sea level)		Flow In CFS		Electrical Conductivity in millisiemens/cm								Cl in mg/l		
			Net Delta Outflow Index		Rio Vista	Antioch	Chippis Island	Emmaton		Jersey Point		Clifton Court	Cache Slough	Delta Mendota Canal	
	Highest High Tide	Actual High Half Tide	Mean Daily	Monthly Average				md	md	md	14dm	md	14dm	md	md
1	3.87	2.38	9,839	9,839	12,537	0.44	1.39	0.20	0.21	0.24	0.23	0.38	0.70	0.50	22
2	4.10	2.36	10,372	10,106	12,690	0.43	1.38	0.20	0.21	0.24	0.24	0.42	0.73	0.44	21
3	4.71	3.00	11,161	10,457	12,925	0.45	1.66	0.20	0.21	0.25	0.24	0.49	0.73	0.45	21
4	5.43	3.63	10,127	10,375	13,040	0.46	1.77	0.19	0.21	0.25	0.24	0.37	0.70	0.41	22
5	5.56	3.81	10,641	10,428	13,339	0.45	1.86	0.19	0.21	0.25	0.24	0.41	0.68	0.40	26
6	5.87	4.11	11,050	10,532	13,008	0.52	2.57	0.20	0.21	0.27	0.25	0.32	0.64	0.37	25
7	6.01	4.17	10,334	10,503	12,472	0.56	2.70	0.21	0.21	0.28	0.25	0.39	0.62	0.38	27
8	5.97	4.13	9,889	10,427	12,182	0.57	2.63	0.21	0.21	0.28	0.25	0.44	0.61	0.39	27
9	5.78	4.06	10,660	10,453	12,359	0.54	2.24	0.20	0.20	0.28	0.25	0.43	0.69	0.38	28
10	5.12	3.70	11,041	10,511	12,583	0.44	1.59	0.19	0.20	0.26	0.25	0.38	0.68	0.39	28
11	5.29	3.84	10,576	10,517	12,522	0.45	1.97	0.20	0.20	0.26	0.26	0.36	0.59	0.39	30
12	5.14	3.70	11,657	10,612	12,473	0.45	1.83	0.18	0.20	0.26	0.26	0.32	0.58	0.36	29
13	4.90	3.37	12,032	10,721	12,906	0.40	1.43	0.18	0.20	0.24	0.26	0.34	0.62	0.38	28
14	5.09	3.48	11,837	10,801	12,717	0.45	1.75	0.18	0.20	0.25	0.26	0.38	0.57	0.37	25
15	5.05	3.36	13,597	10,988	13,255	0.44	1.62	0.18	0.19	0.25	0.26	0.34	0.61	0.36	22
16	5.32	3.42	14,212	11,189	13,890	0.43	1.70	0.18	0.19	0.24	0.26	0.37	0.57	0.37	28
17	5.70	3.74	11,840	11,227	12,868	0.51	2.41	0.19	0.19	0.25	0.26	0.44	0.52	0.38	27
18	6.14	3.69	11,197	11,226	12,206	0.58	2.74	0.20	0.19	0.26	0.26	0.35	0.49	0.35	29
19	6.07	3.80	11,423	11,236	12,554	0.59	2.72	0.23	0.19	0.26	0.26	0.34	0.48	0.32	30
20	6.39	4.02	9,051	11,127	11,124	0.68	3.03	0.24	0.20	0.28	0.26	0.32	0.46	0.33	31
21	6.29	3.95	8,165	10,986	10,453	0.72	3.31	0.26	0.20	0.28	0.26	0.32	0.47	0.31	30
22	6.25	4.15	12,704	11,064	10,191	0.83	3.40	0.28	0.20	0.28	0.26	0.31	0.49	0.36	26
23	5.56	0.00	15,574	11,260	10,735	0.69	0.00	0.24	0.21	0.25	0.26	0.36	0.62	0.34	28
24	5.09	3.91	16,620	11,483	11,206	0.43	0.00	0.21	0.21	0.24	0.26	0.40	0.63	0.36	28
25	4.81	3.51	16,917	11,701	11,738	0.42	1.75	0.00	0.21	0.23	0.25	0.45	0.58	0.40	29
26	4.82	3.39	17,492	11,923	12,226	0.39	1.41	0.18	0.21	0.22	0.25	0.46	0.57	0.44	29
27	4.90	3.35	16,379	12,088	11,309	0.36	1.13	0.18	0.21	0.21	0.25	0.44	0.55	0.47	26
28	5.03	3.39	13,945	12,155	10,127	0.35	1.15	0.18	0.21	0.21	0.25	0.39	0.57	0.48	26
29	5.29	3.70	12,704	12,174	9,182	0.37	1.73	0.18	0.21	0.21	0.24	0.39	0.54	0.49	28
30	5.54	3.72	11,676	12,157	8,182	0.37	1.84	0.18	0.21	0.21	0.24	0.39	0.57	0.49	26
31	3.25	1.61	50,881	84,586	25,701	0.12	0.00	0.13	0.12	0.11	0.11	0.13	0.82	0.14	19

Clifton Court Cl(mg/l)=200X EC - 25

e = Estimated

f = Excess Delta conditions with fish concerns.

N.R. = No Record.

N.C. = Not computed due to insufficient data.

r = Excess delta conditions with export/inflow ratio concerns.

s = Balanced water conditions with storage withdrawals.

dm = Daily Mean

md = Mean Daily

**Table 34. Pesticides, Herbicides, and Other Organic Substances Detected In the SWP**

May 2007

Sampling Location	Sample Date 1/	Chemical Detected	Concentration µg/l 2/
North Bay Aqueduct At Barker Slough Pumping Plant	March 21, 2007	Diuron Simazine	0.81 0.16
California Aqueduct At Banks Pumping Plant	March 21, 2007	Diuron Simazine	0.81 0.12
O'Niell Forebay Outlet Check 13	March 21, 2007	Diuron Simazine	0.69 0.1
Delta Mendota Canal At McCabe Road	March 21, 2007	Simazine Diuron	0.13 2.35
California Aqueduct Near Kettleman City (Check 21)	March 20, 2007	Diuron Simazine	1.25 0.12
California Aqueduct At Near Highway 119 (Check 29)	March 20, 2007	Simazine Diuron	0.12 1.2
California Aqueduct at Tehachapi Afterbay (Check 41)	March 28, 2007	Simazine Diuron	0.1 0.99
California Aqueduct At Devil Canyon Headworks	39167	Diuron Simazine	1.36 0.07

1/ Locations are normally sampled during March, June, and September. Monthly reports will include data for the month in which samples were most recently taken.

2/ Micrograms per liter.

**Table 35. Oroville and Delta Field Divisions Energy Data**

(in kWh)

**May 2007**

Date	Oroville Thermalito Complex		Barker Slough Pumping Plant	Cordelia Pumping Plant Load	Banks Pumping Plant		South Bay Pumping Plant Load	Del Valle Pumping Plant Load
	Generation	Load			Total Load	SWP Load		
1	2,106,310	0	35,110	40,070	316,300	316,300	509,570	16,520
2	5,492,370	0	29,340	38,920	499,260	499,260	500,090	16,190
3	3,485,560	0	32,730	39,270	394,780	394,780	499,330	16,130
4	5,727,120	0	34,020	42,830	389,250	389,250	509,600	16,140
5	3,803,180	0	32,760	40,710	385,500	385,500	502,160	15,410
6	2,351,700	0	30,990	36,640	389,270	389,270	492,460	14,250
7	11,013,050	0	38,980	44,080	389,390	389,390	481,640	13,740
8	8,881,950	0	41,680	39,470	361,100	361,100	362,170	1,690
9	8,043,990	0	50,410	45,920	368,610	368,610	396,920	480
10	7,266,380	8,980	47,810	45,970	318,050	318,050	458,600	4,880
11	5,943,190	12,780	44,180	41,170	314,350	314,350	509,300	17,990
12	3,830,070	13,240	34,690	33,220	313,440	313,440	509,430	18,260
13	3,392,520	15,660	34,060	33,700	449,990	449,990	509,410	16,600
14	6,487,110	11,510	33,630	32,690	384,980	384,980	519,910	17,010
15	7,059,840	8,930	34,740	32,090	318,820	318,820	509,760	15,750
16	6,545,950	8,170	40,340	41,010	183,060	183,060	509,780	15,520
17	8,260,490	9,210	47,480	45,700	170,110	170,110	502,940	15,520
18	10,156,010	7,140	48,040	45,690	193,350	193,350	496,290	14,400
19	6,573,810	8,240	47,010	45,690	168,590	168,590	493,810	13,530
20	4,979,990	13,590	41,640	40,200	167,650	167,650	489,920	13,880
21	5,845,950	9,030	41,820	42,520	168,940	168,940	502,280	15,850
22	5,631,340	9,100	42,730	45,390	170,370	170,370	509,750	15,860
23	4,255,520	8,120	43,650	42,670	460,860	460,860	410,800	7,940
24	4,831,220	13,760	49,300	44,430	220,320	220,320	398,160	420
25	5,411,820	12,670	45,950	40,800	218,640	218,640	398,190	410
26	3,756,030	10,650	45,670	35,850	217,660	217,660	397,620	400
27	4,832,340	10,590	43,840	35,630	168,510	168,510	392,860	400
28	4,191,540	14,850	44,380	35,960	192,970	192,970	384,840	400
29	5,278,720	6,800	48,780	43,380	193,180	193,180	408,240	390
30	3,285,470	0	48,440	45,350	193,460	193,460	416,400	400
31	3,744,150	2,120	44,430	45,100	169,070	169,070	239,500	390
Total	172,464,690	215,140	1,278,630	1,262,120	8,849,830	8,849,830	14,221,730	316,750

**Table 36. San Luis Field Division Energy Data**

(in kWh)

**May 2007**

Date	Dos Amigos Pumping Plant		Gianelli Pumping-Generating Plant			
	Total Load	SWP Load 1/	Total Generation	SWP Generation 1/	Total Load	SWP Load 1/
1	1,582,050	1,278,050	3,403,130	2,363,130	5,000	5,000
2	1,696,100	1,392,100	2,796,020	1,756,020	6,750	6,750
3	1,674,080	1,370,080	3,342,550	2,354,550	5,530	5,530
4	1,718,280	1,414,280	3,781,650	2,364,650	5,400	5,400
5	1,658,880	1,354,880	3,196,270	1,779,270	6,980	6,980
6	1,578,920	1,266,920	2,578,150	1,742,150	6,630	6,630
7	1,348,860	1,044,860	3,117,770	2,281,770	6,640	6,640
8	1,771,470	1,331,470	3,128,110	1,602,110	6,720	6,720
9	1,807,530	1,367,530	3,217,720	2,457,720	6,650	6,650
10	1,818,640	1,378,640	3,650,210	2,738,210	4,930	4,930
11	1,910,800	1,470,800	4,292,410	2,657,410	0	0
12	1,902,840	1,462,840	3,288,590	1,653,590	7,020	7,020
13	1,897,830	1,465,830	3,976,840	2,232,840	0	0
14	1,726,340	1,286,340	3,644,380	1,900,380	0	0
15	1,881,180	1,305,180	3,813,600	2,197,600	0	0
16	1,969,280	1,281,280	3,983,570	2,196,570	0	0
17	1,971,990	1,283,990	4,672,730	2,496,730	0	0
18	1,994,360	1,306,360	4,338,880	1,874,880	0	0
19	2,015,150	1,327,150	4,263,240	1,799,240	0	0
20	1,612,740	916,740	4,053,740	1,589,740	0	0
21	1,680,110	992,110	3,582,160	1,118,160	0	0
22	2,021,270	1,333,270	3,159,520	1,475,520	0	0
23	1,964,000	1,108,000	3,980,930	1,804,930	0	0
24	2,154,260	1,298,260	3,655,900	1,479,900	0	0
25	2,180,530	1,324,530	4,136,640	2,136,640	0	0
26	2,166,240	1,310,240	4,058,760	2,058,760	0	0
27	2,324,330	1,460,330	3,989,360	1,989,360	0	0
28	2,061,150	1,197,150	4,065,250	2,065,250	0	0
29	2,429,640	1,573,640	4,218,400	2,218,400	0	0
30	2,304,350	1,448,350	4,121,220	2,121,220	0	0
31	2,051,970	1,195,970	3,948,330	1,956,330	0	0
Total	58,875,170	40,547,170	115,456,030	62,463,030	68,250	68,250

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

**Table 37. San Joaquin Field Division Pumping Plant Energy Load Data**

(in kWh)

**May 2007**

Date	Coastal Branch					California Aqueduct			
	Las Perillas	Badger Hill	Devil's Den	Bluestone	Polonio	Buena Vista	Teerink	Chrisman	Edmonston
1	36,220	96,220	58,120	55,410	58,160	1,548,540	1,593,330	3,362,520	12,290,320
2	43,800	113,730	57,030	53,690	57,280	1,621,710	1,663,700	3,583,650	13,036,280
3	44,900	117,620	60,670	57,850	61,340	1,908,260	1,951,980	4,238,800	15,619,230
4	42,000	111,180	75,530	73,110	74,950	1,804,080	1,948,350	4,205,690	15,375,720
5	55,000	143,720	82,930	79,490	82,590	1,714,150	1,892,980	4,104,830	15,189,580
6	38,350	103,740	79,770	75,640	81,420	1,817,970	1,947,610	4,254,610	15,476,670
7	36,490	91,000	55,610	53,090	56,590	1,742,390	1,881,820	4,036,920	15,404,720
8	42,060	109,190	82,400	79,490	80,960	1,821,010	1,948,760	4,176,740	15,102,050
9	52,530	134,630	115,790	111,720	113,560	1,814,960	1,931,300	4,068,590	15,164,900
10	46,960	121,280	82,300	77,480	82,620	1,772,850	1,811,400	3,850,470	14,015,400
11	43,740	112,050	48,010	46,730	51,200	1,699,930	1,873,390	4,002,720	14,652,200
12	62,240	162,100	110,150	106,090	108,020	1,820,770	1,912,810	4,082,680	15,287,910
13	47,090	122,500	83,070	78,700	84,060	1,731,620	1,891,880	4,063,530	15,285,700
14	40,510	102,260	72,400	68,200	72,200	1,765,440	1,906,430	4,119,830	15,279,760
15	44,560	116,200	100,830	98,070	100,350	1,835,690	1,943,850	4,106,410	15,172,970
16	46,670	122,800	89,460	85,150	88,510	1,756,190	1,816,590	3,844,590	14,308,190
17	45,540	118,360	86,140	82,670	87,630	1,801,040	1,877,980	4,008,070	14,384,680
18	52,510	137,040	91,950	87,180	91,600	1,864,300	1,932,730	4,117,860	15,250,600
19	40,740	105,900	92,010	86,790	92,860	1,781,780	1,925,240	4,087,230	15,248,550
20	33,280	84,660	90,520	86,530	90,600	1,416,620	1,605,140	3,452,430	12,686,190
21	33,760	86,630	78,160	74,040	79,730	1,715,600	1,796,630	3,920,100	14,400,610
22	46,520	119,900	96,410	91,990	97,180	1,883,570	1,951,240	4,132,060	15,126,450
23	47,030	121,330	99,290	94,980	99,740	1,908,610	1,937,330	4,151,690	15,172,890
24	47,230	122,640	94,580	90,450	95,460	1,753,500	1,852,090	3,909,930	14,450,670
25	47,020	120,260	84,070	79,270	85,160	1,888,000	1,996,940	4,254,070	15,621,520
26	58,100	149,520	101,630	97,200	102,520	1,834,430	1,975,310	4,246,970	15,404,310
27	58,320	143,070	91,350	87,060	91,020	1,901,710	1,983,460	4,284,830	16,040,050
28	56,570	140,640	91,300	86,560	93,050	1,766,900	1,975,400	4,260,460	15,847,110
29	46,730	114,700	82,400	78,050	82,790	1,971,870	1,963,810	4,202,950	15,118,870
30	45,530	117,020	95,100	90,680	95,040	1,574,430	1,559,820	3,289,310	12,037,630
31	52,940	136,520	90,190	85,840	90,890	1,455,800	1,511,110	3,192,090	11,518,280
Total	1,434,940	3,698,410	2,619,170	2,499,200	2,629,080	54,693,720	57,760,410	123,612,630	454,970,010

**Table 38. Southern Field Division Energy Data**

(in kWh)

**May 2007**

Date	West Branch			East Branch				East Branch Extension		
	Oso Pumping Plant Load	Warne Powerplant Generation	Castaic Powerplant SWP Generation /1	Alamo Powerplant Generation	Pearblossom Pumping Plant Load	Devil Canyon Powerplant Generation	Mojave Siphon Powerplant Generation	Green Spot Pumping Plant	Crafton Hills Pumping Plant	Cherry Valley Pumping Plant
1	1,160,495	1,807,500	3,432,000	0	857,607	3,474,862	77,680	21,332	14,009	441
2	725,218	1,800,680	3,432,000	0	1,532,054	3,711,185	193,127	22,903	16,807	2,148
3	868,861	1,794,650	3,432,000	0	2,210,708	3,762,273	241,475	43,253	37,414	403
4	937,059	1,794,060	3,432,000	0	2,073,649	3,557,041	236,234	33,235	23,107	394
5	1,009,347	1,797,820	3,432,000	0	1,731,476	3,494,917	195,095	16,077	9,217	403
6	1,008,901	1,802,190	3,432,000	0	1,735,015	3,130,271	192,445	15,960	8,751	413
7	902,465	1,804,230	2,880,000	0	1,987,149	3,783,040	231,557	36,005	27,294	441
8	898,218	1,803,790	2,880,000	0	2,090,668	3,530,864	214,755	31,939	20,409	478
9	930,525	1,802,830	2,880,000	0	1,575,533	3,327,937	195,342	36,368	25,637	3,667
10	776,396	1,798,320	2,880,000	0	2,045,414	3,759,494	217,553	31,968	19,794	506
11	754,693	1,794,510	2,880,000	0	2,186,959	3,779,964	242,662	39,246	29,001	460
12	781,010	1,790,630	2,880,000	0	2,276,181	3,593,048	226,384	20,202	13,781	441
13	839,743	1,787,070	2,880,000	0	2,039,890	3,466,416	236,066	21,558	13,851	441
14	839,822	1,785,890	2,880,000	0	2,117,537	3,906,359	243,374	44,569	33,317	460
15	893,347	1,758,500	2,880,000	0	1,947,797	3,883,238	217,455	39,314	28,812	431
16	905,604	1,785,800	2,880,000	0	2,006,351	3,736,640	234,543	45,708	38,962	1,604
17	804,663	1,439,330	2,400,000	0	2,156,560	3,690,318	232,367	43,498	38,942	469
18	723,990	1,433,530	2,400,000	0	2,286,760	3,693,701	264,161	35,563	28,931	469
19	725,782	1,444,710	2,400,000	0	2,302,433	3,912,451	259,929	14,761	8,195	460
20	610,673	1,438,160	2,400,000	0	1,837,647	3,550,208	177,907	20,959	12,680	460
21	776,040	1,582,070	2,640,000	0	2,298,664	3,892,415	257,150	48,488	42,345	431
22	767,762	1,578,570	2,640,000	0	2,311,276	3,423,398	288,667	43,773	38,526	413
23	844,970	1,251,840	2,640,000	0	2,091,595	3,879,697	241,159	44,687	39,548	3,573
24	724,881	1,600,390	2,640,000	220,253	1,846,471	3,555,400	228,056	41,338	33,932	478
25	727,545	1,642,870	2,640,000	380,498	2,450,269	3,950,672	255,192	39,629	32,007	469
26	726,525	1,609,870	2,640,000	380,548	2,475,464	3,778,530	276,592	22,392	17,849	469
27	679,842	1,662,810	2,640,000	380,518	2,588,425	3,756,428	280,162	40,434	34,329	478
28	679,545	1,661,250	2,640,000	380,469	2,570,718	3,602,215	279,341	44,814	39,498	478
29	722,386	1,526,380	2,640,000	380,587	2,319,192	3,625,465	256,527	44,412	38,079	450
30	619,416	1,458,580	2,640,000	314,270	1,866,720	3,441,693	247,033	44,245	38,823	3,705
31	523,881	1,149,200	1,920,000	327,640	1,841,117	3,534,919	160,947	39,403	29,031	460
Total	24,889,604	51,188,030	87,312,000	2,764,784	63,657,298	113,185,057	7,100,939	#####	832,880	26,393

/1 Energy delivered to SWP by LADWP at Sylmar substation; not necessarily related to actual Castaic operations